Quantitation Report (Qedit)

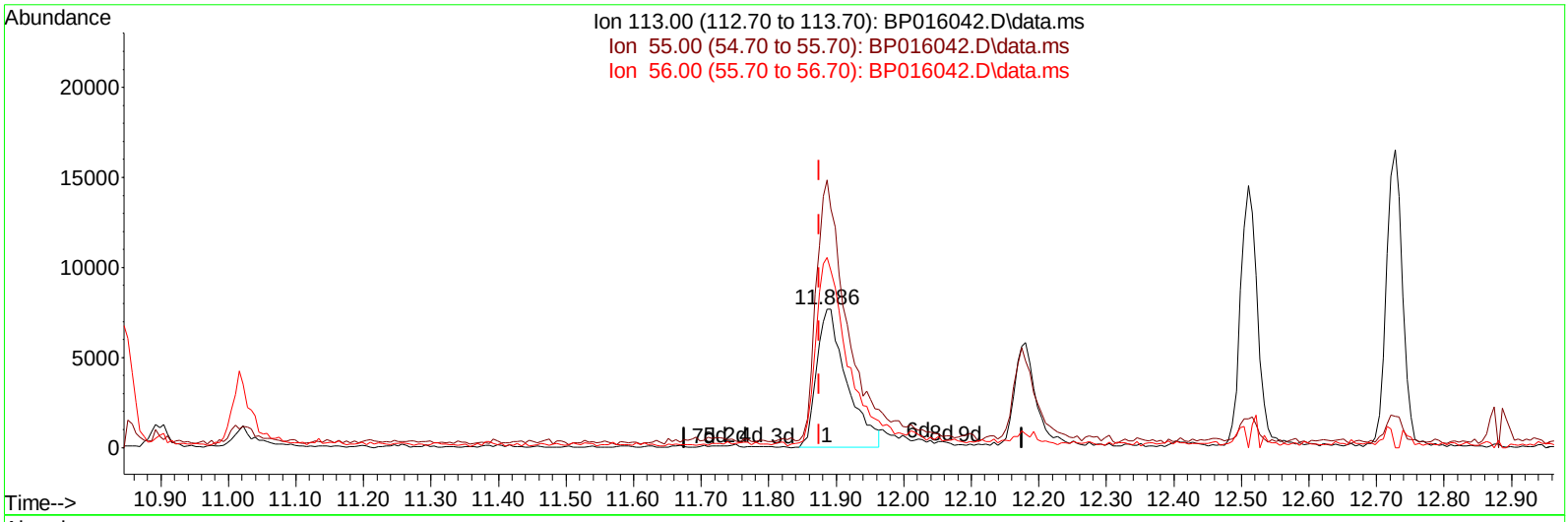
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
Data File : BP016042.D
Acq On : 06 Jul 2023 20:55
Operator : MA/JU
Sample : 03257-09MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

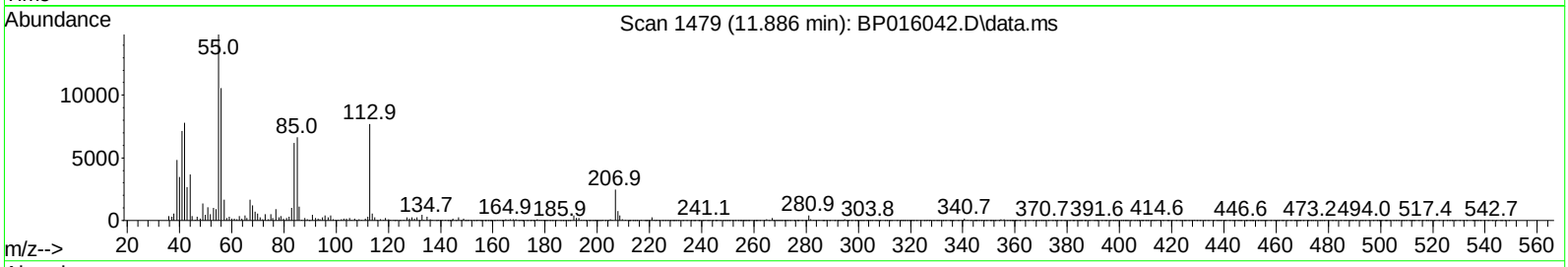
Quant Time: Jul 06 23:30:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
Response via : Initial Calibration

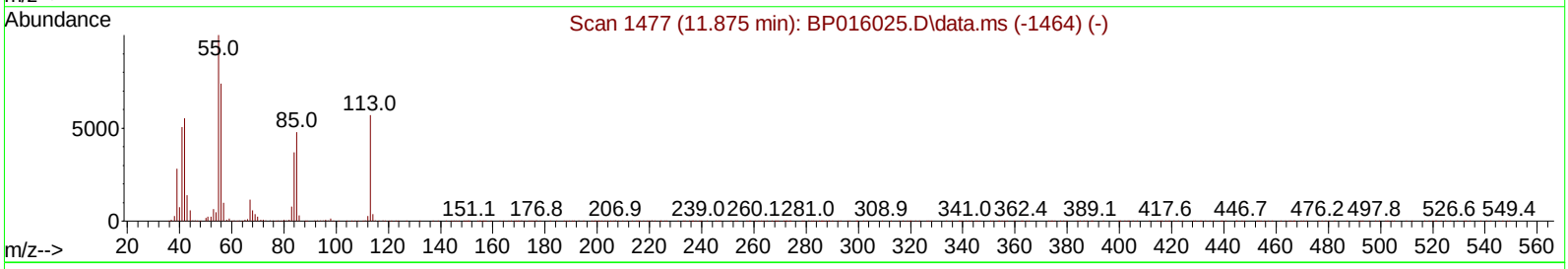
Instrument :
BNA_P
ClientSampleId :
EXYY0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023







TIC: BP016042.D\data.ms

(34) Caprolactam

11.886min (+ 0.011) 5.87 ng/ul

response 23832

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	192.93
56.00	146.10	137.12
0.00	0.00	0.00

Quantitation Report (Qedit)

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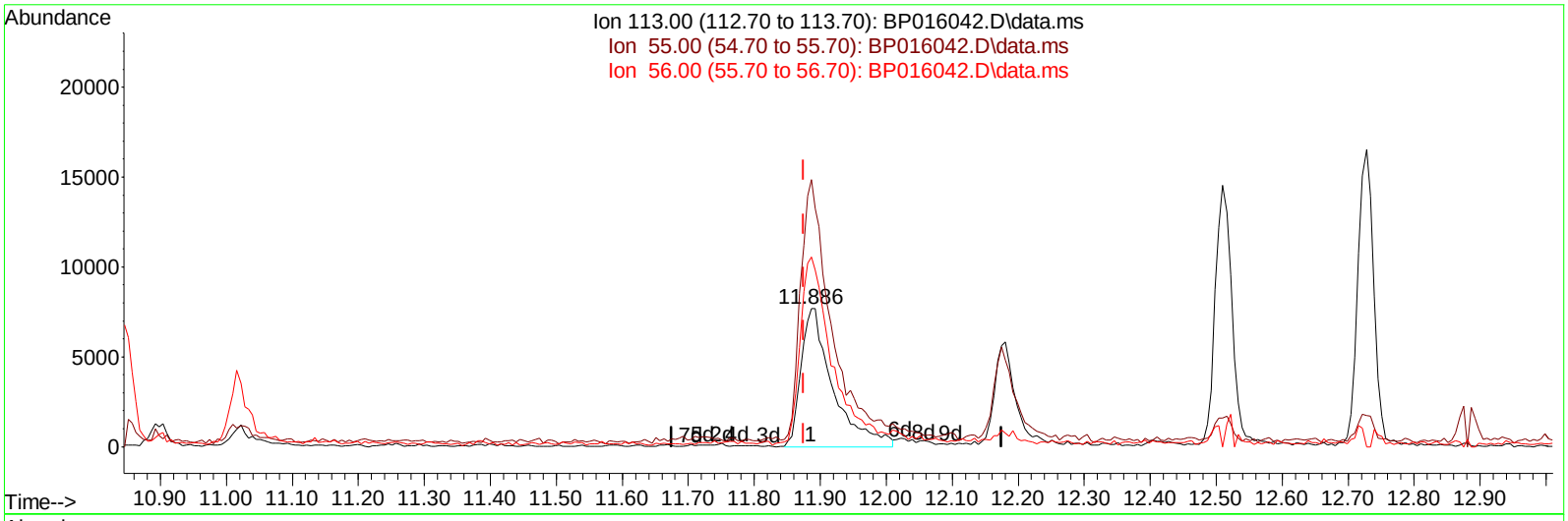

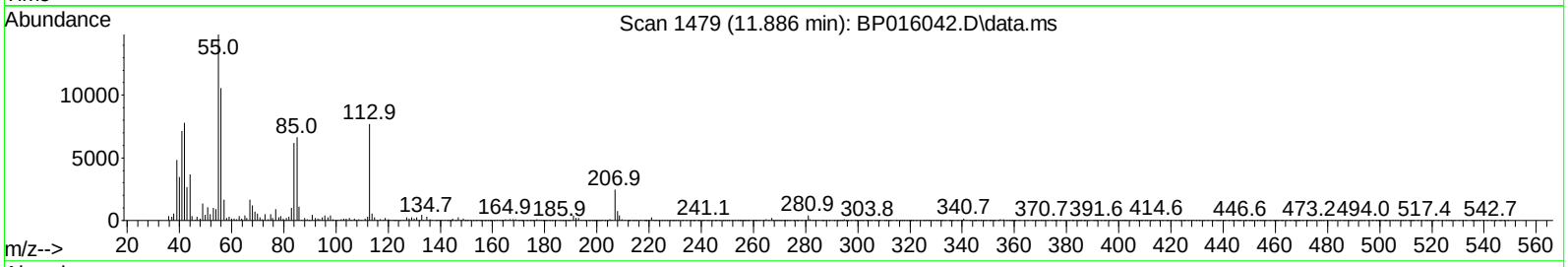

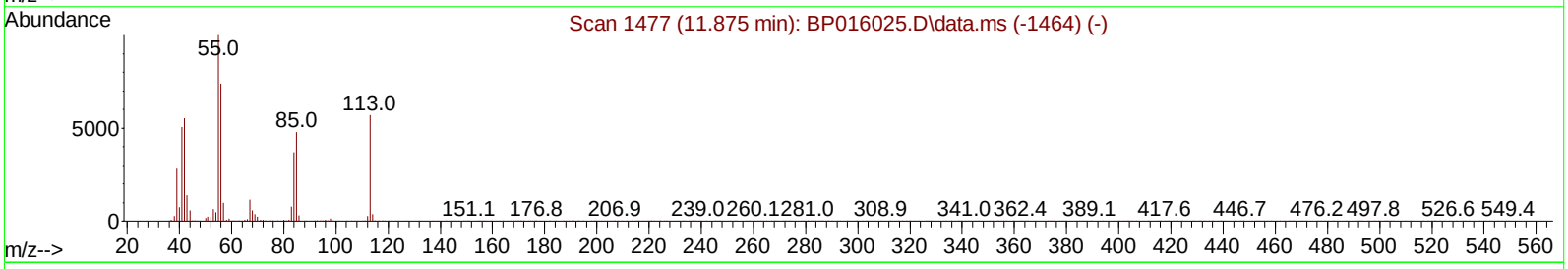

TIC: BP016042.D\data.ms

(34) Caprolactam

11.886min (+ 0.011) 6.36 ng/ul m

response 25850

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	178.50	192.93
56.00	146.10	137.12
0.00	0.00	0.00

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Acq On : 06 Jul 2023 20:55
Operator : MA/JU
Sample : 03257-09MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jul 07 00:16:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 06 23:18:26 2023
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Instrument :
BNA_P
ClientSampleId :
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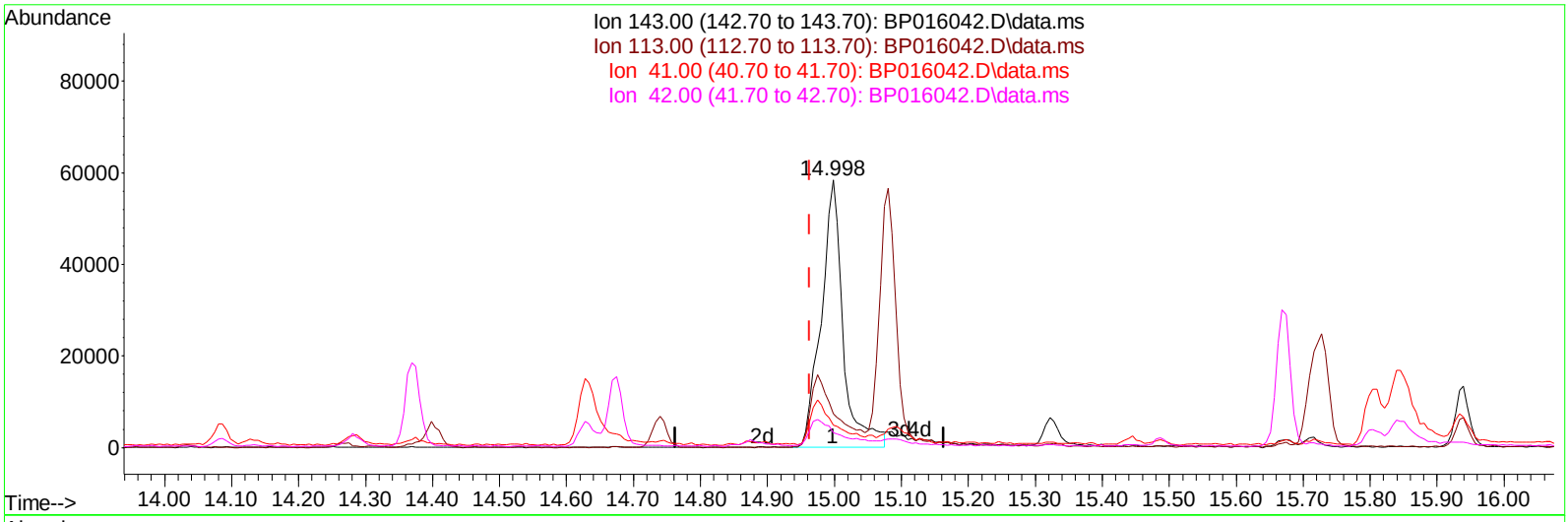

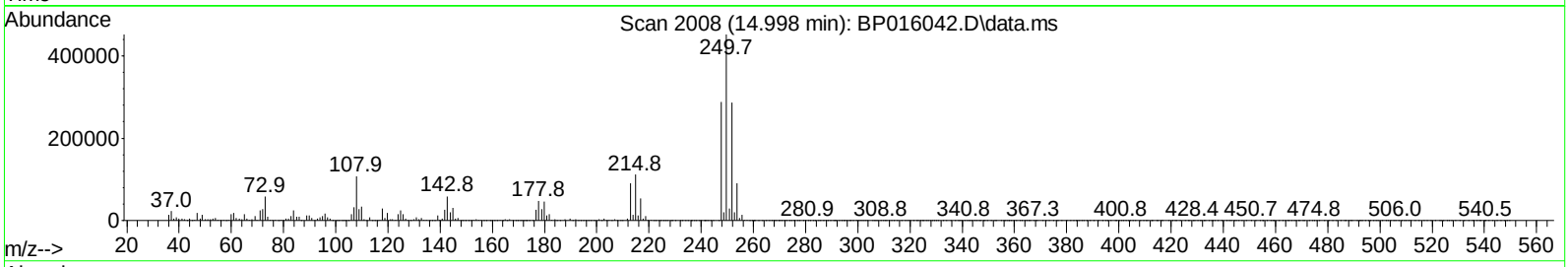

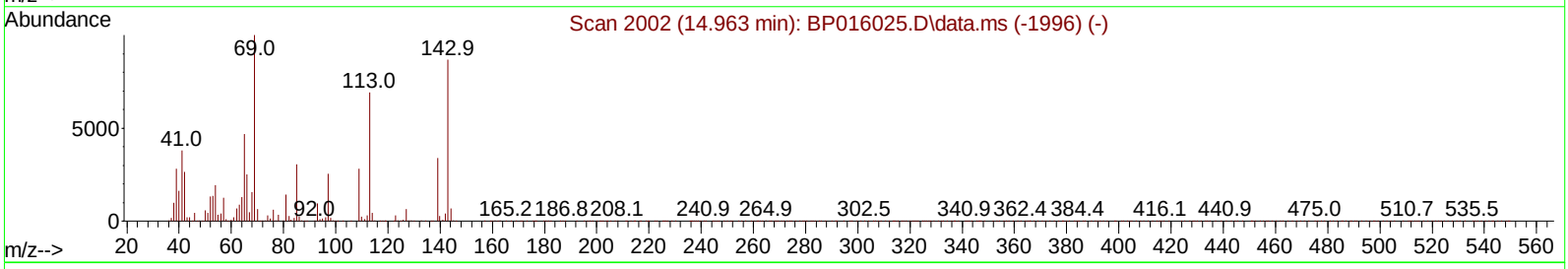

TIC: BP016042.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.998min (+ 0.035) 21.30 ng/ul

response 132463

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	12.60#
41.00	45.70	8.41#
42.00	31.20	5.65#

Quantitation Report (Qedit)

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Operator : MA/JU
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BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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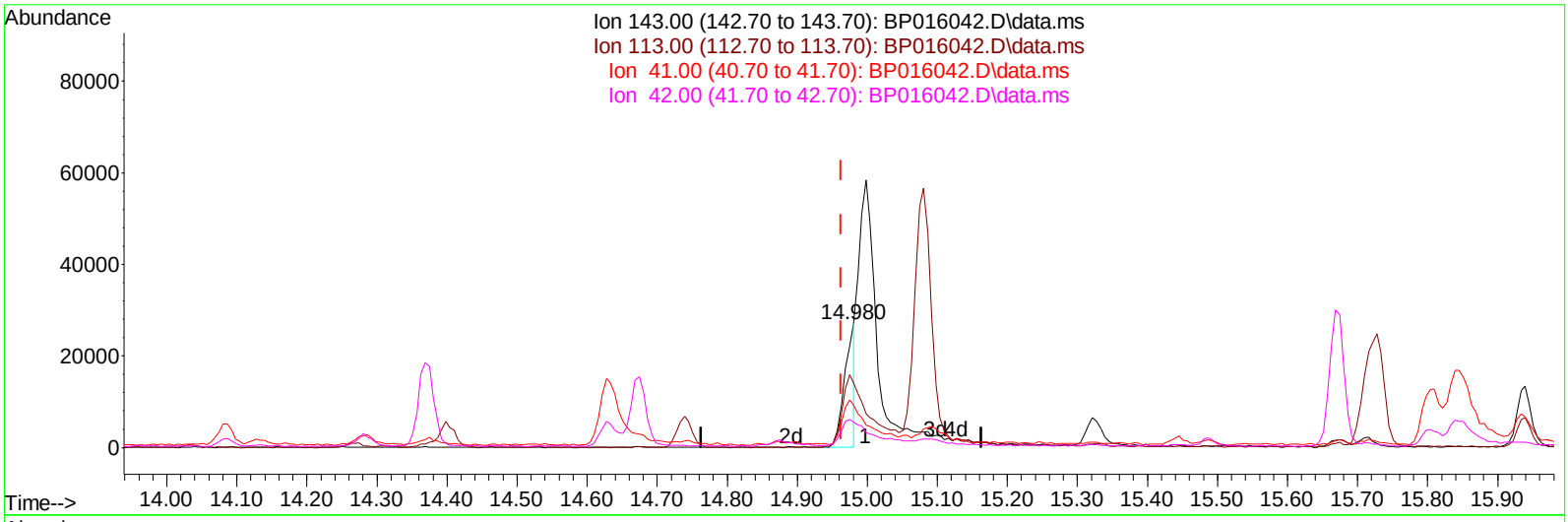

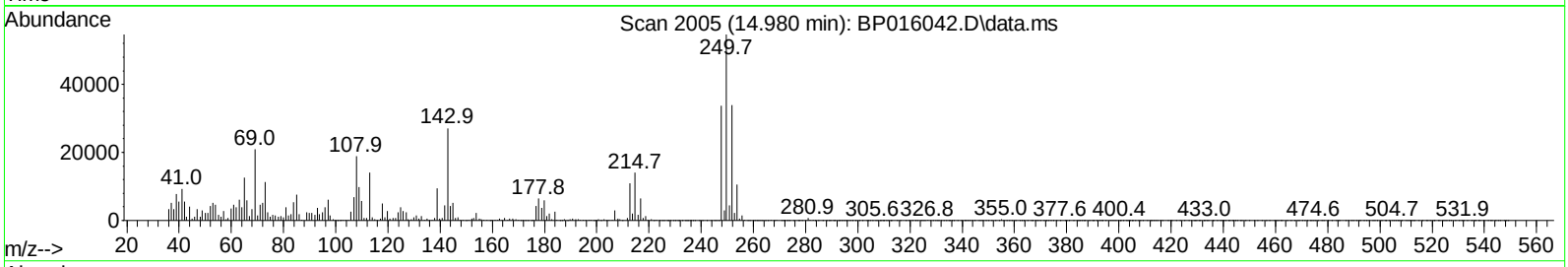

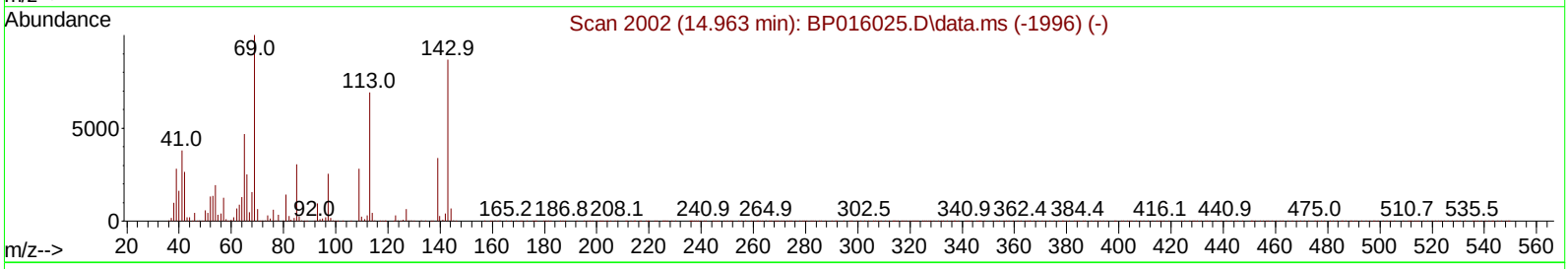

TIC: BP016042.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.980min (+ 0.017) 4.56 ng/ul m

response 28387

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	94.00	52.24#
41.00	45.70	34.53#
42.00	31.20	20.82#

Quantitation Report (QT Reviewed)

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Quant Time: Jul 07 00:21:36 2023
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EXYY0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	184444	20.000	ng/ul	0.00
20) Naphthalene-d8	10.845	136	840613	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.675	164	609703	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.439	188	1398450	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1357809	20.000	ng/ul	0.00
88) Perylene-d12	24.080	264	1439399	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	24657	4.810	ng/uL	0.00
4) Pyridine-d5	3.810	84	158587	12.272	ng/ul	0.00
7) Phenol-d5	7.228	99	145784	9.238	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.351	67	379969	38.917	ng/ul	0.00
11) 2-Chlorophenol-d4	7.563	132	338073	28.379	ng/ul	0.00
15) 4-Methylphenol-d8	8.775	113	236362	18.959	ng/ul	0.00
21) Nitrobenzene-d5	9.216	128	229179	35.674	ng/ul	0.00
24) 2-Nitrophenol-d4	9.940	143	248125	33.093	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.504	165	408723	30.590	ng/ul	0.00
31) 4-Chloroaniline-d4	11.016	131	590768	34.419	ng/ul	0.00
46) Dimethylphthalate-d6	14.086	166	1869149	39.663	ng/ul	0.00
49) Acenaphthylene-d8	14.369	160	1949570	36.801	ng/ul	0.00
54) 4-Nitrophenol-d4	14.980	143	28387m	4.565	ng/ul	0.02
60) Fluorene-d10	15.675	176	1524749	39.295	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	322381	37.485	ng/ul	0.00
73) Anthracene-d10	17.545	188	2479710	38.819	ng/ul	0.00
81) Pyrene-d10	19.768	212	3105034	35.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.903	264	2963873	40.819	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	24844	4.503	ng/uL	97
5) Pyridine	3.828	79	129650	9.590	ng/ul	90
6) Benzaldehyde	7.175	77	323046	50.631	ng/ul	97
8) Phenol	7.257	94	119897	7.321	ng/ul	90
10) Bis(2-Chloroethyl)ether	7.446	93	418224	32.097	ng/ul	98
12) 2-Chlorophenol	7.598	128	287727	22.734	ng/ul	98
13) 2-Methylphenol	8.498	108	232384	18.794	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.557	45	632675	35.550	ng/ul	98
16) Acetophenone	8.869	105	673230	32.850	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.845	70	382219	33.580	ng/ul	98
18) 4-Methylphenol	8.840	108	215233	16.201	ng/ul	99
19) Hexachloroethane	9.092	117	142660	24.406	ng/ul	90
22) Nitrobenzene	9.257	77	530737	29.419	ng/ul	97
23) Isophorone	9.781	82	1098800	31.828	ng/ul	99
25) 2-Nitrophenol	9.975	139	229691	28.865	ng/ul	94
26) 2,4-Dimethylphenol	10.040	107	317750	18.165	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.257	93	634760	32.570	ng/ul	98
29) 2,4-Dichlorophenol	10.528	162	351845	26.487	ng/ul	99
30) Naphthalene	10.898	128	1287276	28.169	ng/ul	100
32) 4-Chloroaniline	11.045	127	475602	26.671	ng/ul	95
33) Hexachlorobutadiene	11.157	225	218789	21.810	ng/ul	98
34) Caprolactam	11.886	113	25850m	6.362	ng/ul	
35) 4-Chloro-3-methylphenol	12.175	107	431642	27.760	ng/ul	95

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Operator : MA/JU
Sample : 03257-09MS
Misc :
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Quant Time: Jul 07 00:21:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
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Instrument :
BNA_P
ClientSampleId :
EXYY0MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/07/2023
Supervised By :mohammad ahmed 07/07/2023

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.510	142	1008533	33.525	ng/ul	96
37)	1-Methylnaphthalene	12.728	142	1034679	33.716	ng/ul#	99
39)	1,2,4,5-Tetrachloroben...	12.881	216	575119	28.625	ng/ul	98
40)	Hexachlorocyclopentadiene	12.828	237	77642	12.917	ng/ul	98
41)	2,4,6-Trichlorophenol	13.139	196	381487	30.044	ng/ul	99
42)	2,4,5-Trichlorophenol	13.228	196	399165	29.638	ng/ul	98
43)	1,1'-Biphenyl	13.510	154	1431672	29.646	ng/ul	98
44)	2-Chloronaphthalene	13.563	162	1117430	29.372	ng/ul	96
45)	2-Nitroaniline	13.798	65	396462	33.120	ng/ul	87
47)	Dimethylphthalate	14.133	163	1620082	33.219	ng/ul	98
48)	2,6-Dinitrotoluene	14.286	165	340235	34.392	ng/ul	91
50)	Acenaphthylene	14.404	152	1807509	30.966	ng/ul	99
51)	3-Nitroaniline	14.633	138	307505	39.638	ng/ul	98
52)	Acenaphthene	14.739	153	1275069	31.501	ng/ul	98
53)	2,4-Dinitrophenol	14.875	184	147934	28.185	ng/ul	85
55)	4-Nitrophenol	14.998	109	56788	8.812	ng/ul#	40
56)	Dibenzofuran	15.080	168	1812468	32.256	ng/ul	94
57)	2,4-Dinitrotoluene	15.092	165	493290	36.591	ng/ul	84
58)	2,3,4,6-Tetrachlorophenol	15.322	232	393864	34.047	ng/ul	96
59)	Diethylphthalate	15.486	149	1691162	34.266	ng/ul	98
61)	Fluorene	15.727	166	1519192	33.333	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.710	204	767374	32.905	ng/ul	94
63)	4-Nitroaniline	15.804	138	278647	52.480	ng/ul	83
66)	4,6-Dinitro-2-methylph...	15.863	198	277430	31.882	ng/ul	97
67)	N-Nitrosodiphenylamine	15.939	169	1311105	31.318	ng/ul	100
68)	4-Bromophenyl-phenylether	16.616	248	513165	32.134	ng/ul#	88
69)	Hexachlorobenzene	16.739	284	630559	33.464	ng/ul	95
70)	Atrazine	16.898	200	440582	27.493	ng/ul	95
71)	Pentachlorophenol	17.110	266	284148	31.420	ng/ul	98
72)	Phenanthrene	17.480	178	2566337	33.780	ng/ul	100
74)	Anthracene	17.580	178	2540857	33.284	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.480	216	597111	26.240	ng/uL	98
76)	Pentachlorobenzene	14.998	250	671101	29.221	ng/uL	99
77)	Carbazole	17.863	167	2407376	37.415	ng/ul	99
78)	Di-n-butylphthalate	18.368	149	3065599	35.939	ng/ul	99
80)	Fluoranthene	19.445	202	3169453	28.764	ng/ul	96
82)	Pyrene	19.804	202	3303304	29.388	ng/ul#	95
83)	Butylbenzylphthalate	20.645	149	1437249	31.342	ng/ul	99
84)	3,3'-Dichlorobenzidine	21.451	252	1056322	34.414	ng/ul	99
85)	Benzo(a)anthracene	21.515	228	3133879	32.810	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.392	149	2175240	34.516	ng/ul	98
87)	Chrysene	21.574	228	3175867	35.046	ng/ul	100
89)	Di-n-octyl phthalate	22.345	149	3482331	33.104	ng/ul	100
90)	Benzo(b)fluoranthene	23.286	252	3105361	33.576	ng/ul	99
91)	Benzo(k)fluoranthene	23.339	252	3246819	34.745	ng/ul	98
93)	Benzo(a)pyrene	23.962	252	2728261	33.760	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.762	276	3212959	29.287	ng/ul	96
95)	Dibenzo(a,h)anthracene	26.768	278	2694426	29.901	ng/ul#	97
96)	Benzo(g,h,i)perylene	27.609	276	2519401	27.915	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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