Quantitation Report (Qedit)

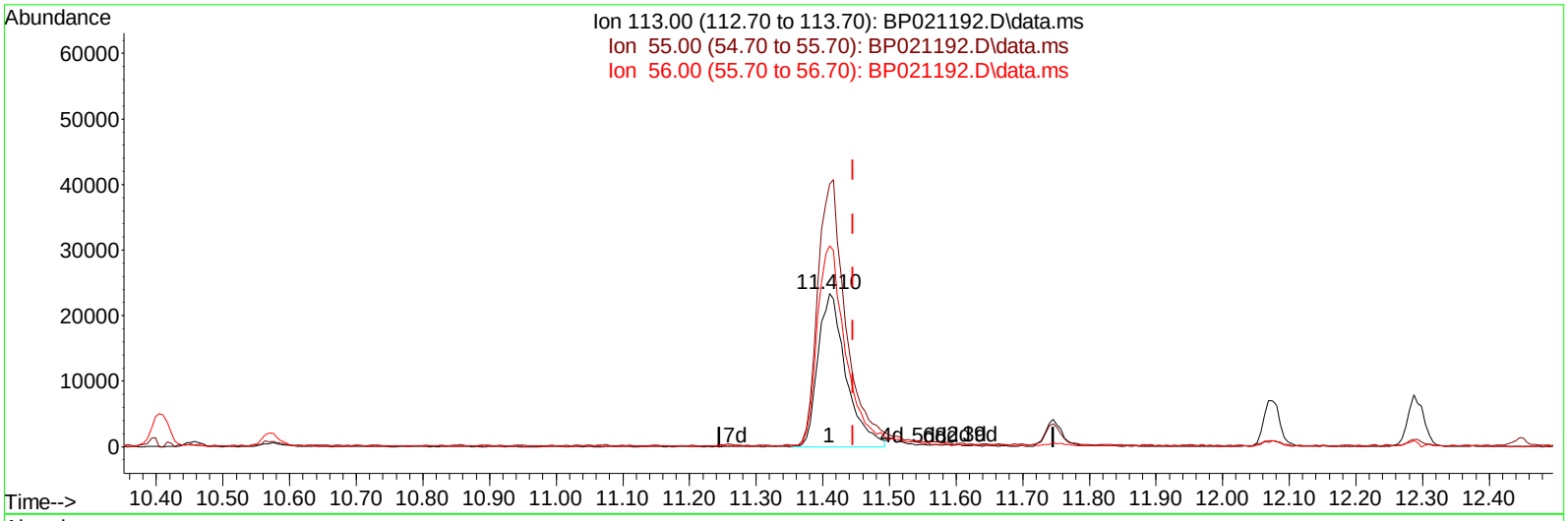
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072624\
Data File : BP021192.D
Acq On : 27 Jul 2024 07:59
Operator : MA/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 28 Sample Multiplier: 1

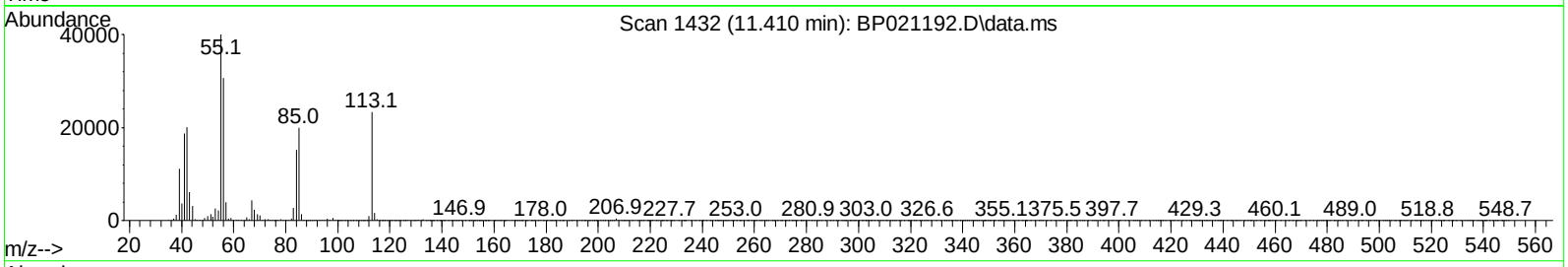
Quant Time: Jul 28 22:47:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

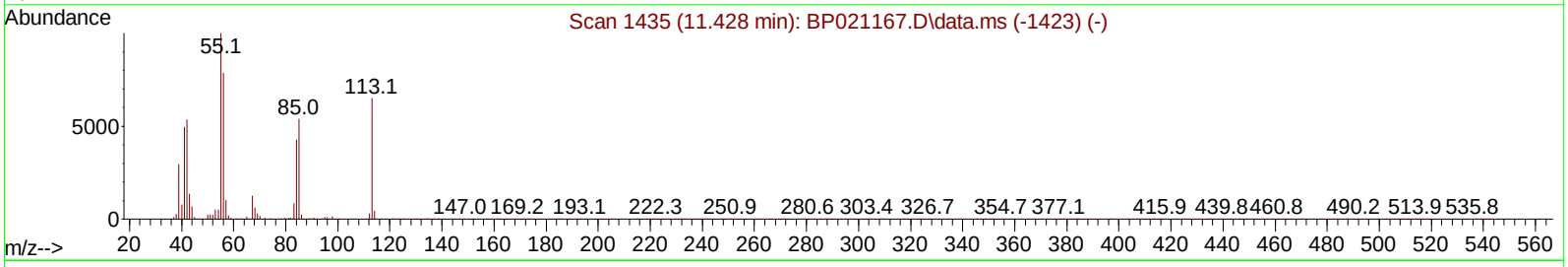
Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024







TIC: BP021192.D\data.ms

(34) Caprolactam

11.410min (-0.036) 19.10 ng/ul

response 68133

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	171.50
56.00	131.90	131.45
0.00	0.00	0.00

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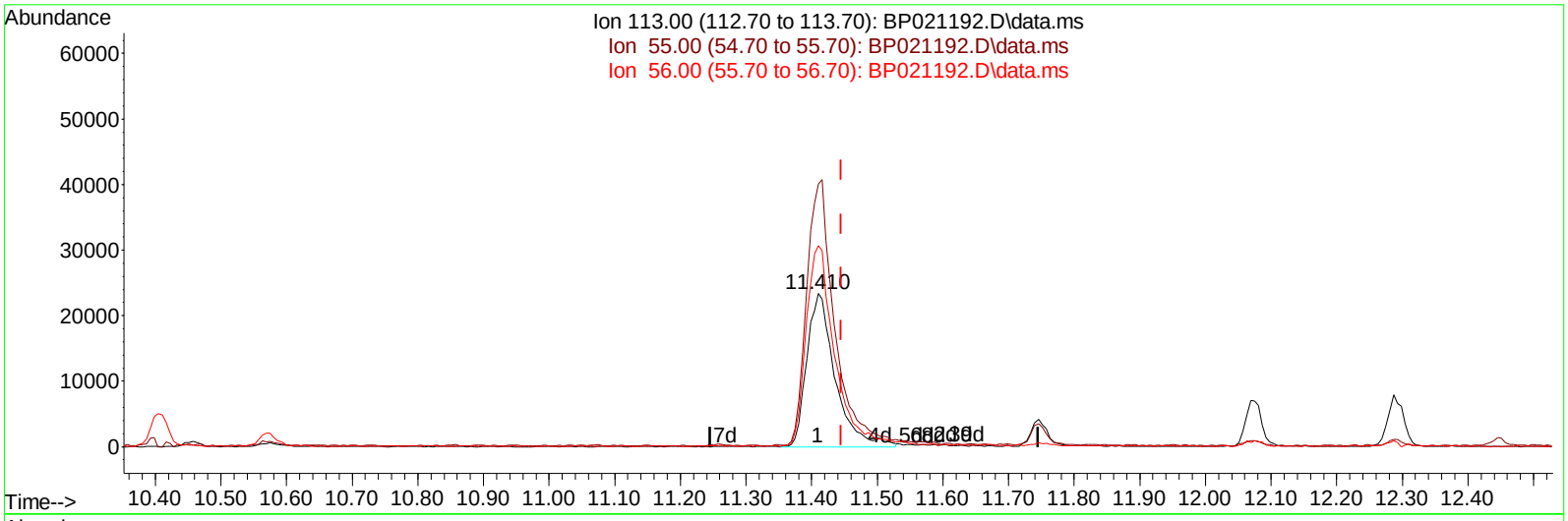

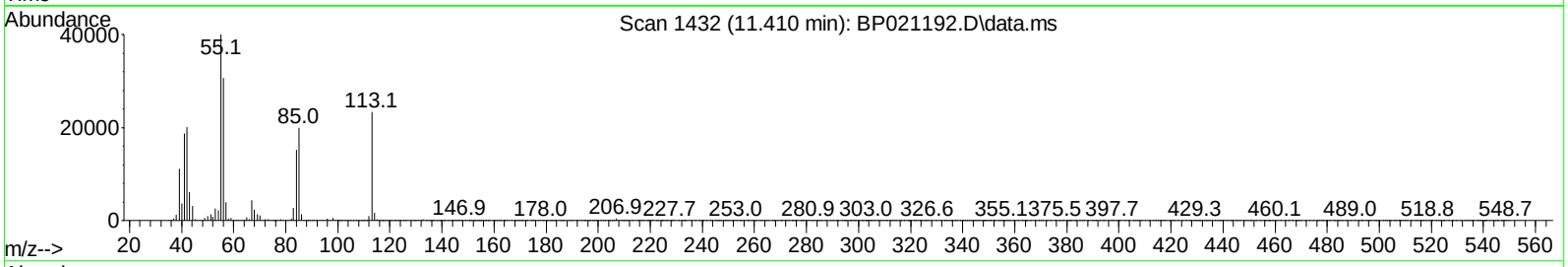

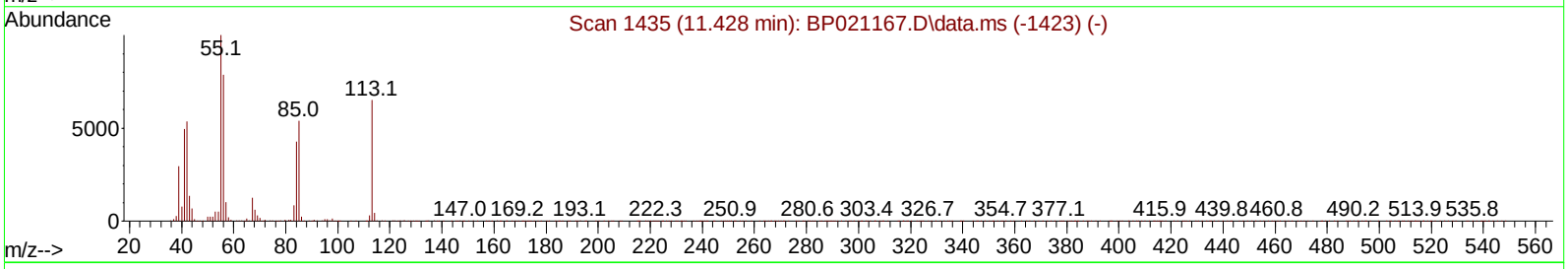

TIC: BP021192.D\data.ms

(34) Caprolactam

11.410min (-0.036) 19.61 ng/ul m

response 69944

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	175.30	171.50
56.00	131.90	131.45
0.00	0.00	0.00

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LabSampleId :
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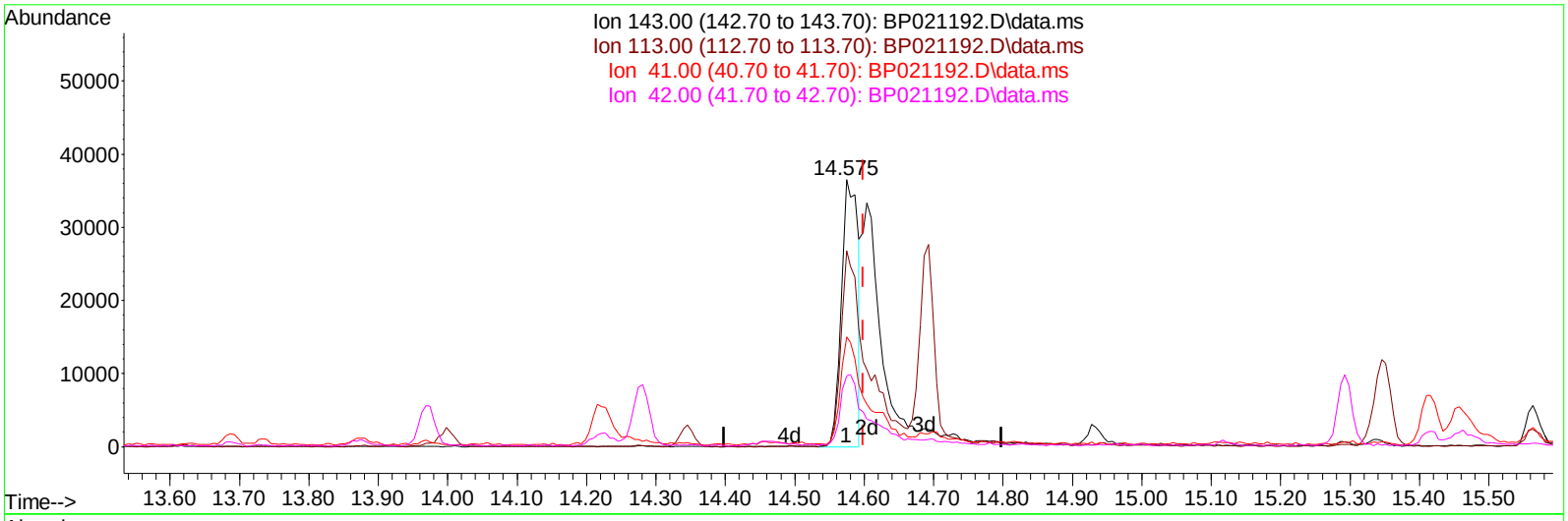

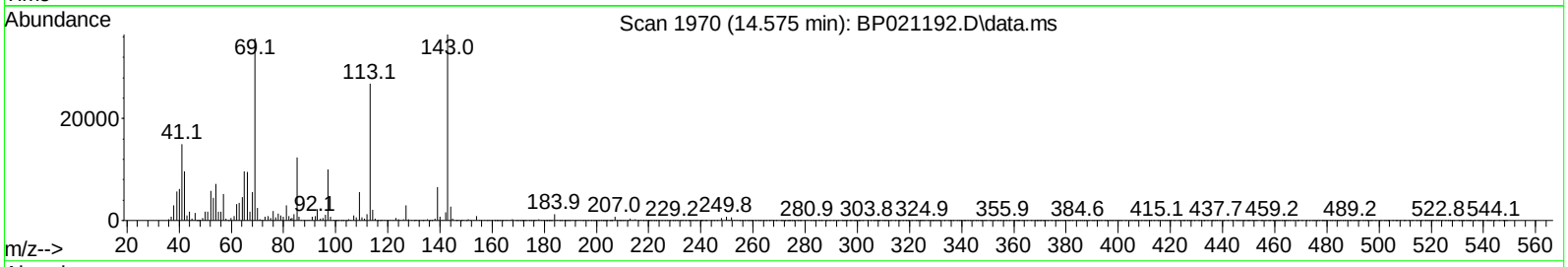

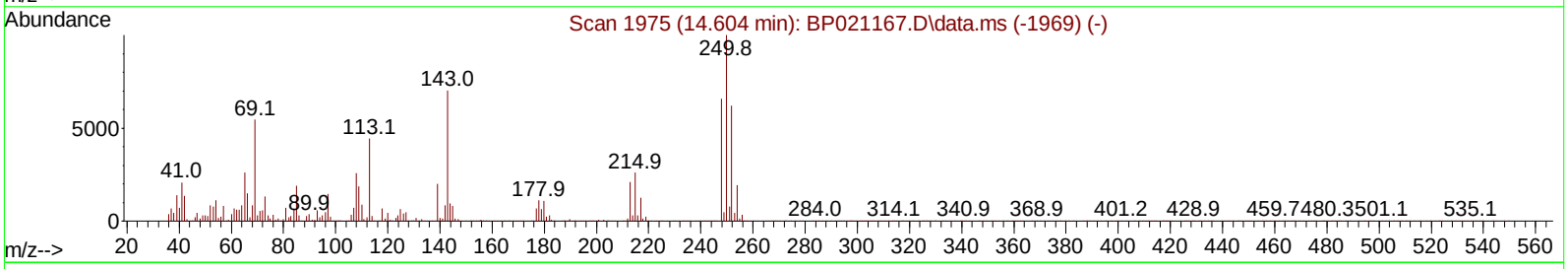

TIC: BP021192.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (-0.024) 12.47 ng/ul

response 60740

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.45
41.00	37.90	41.11
42.00	27.10	26.49

Quantitation Report (Qedit)

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QLast Update : Thu Jul 25 00:15:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
LabSampleId :
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Manual IntegrationsAPPROVED

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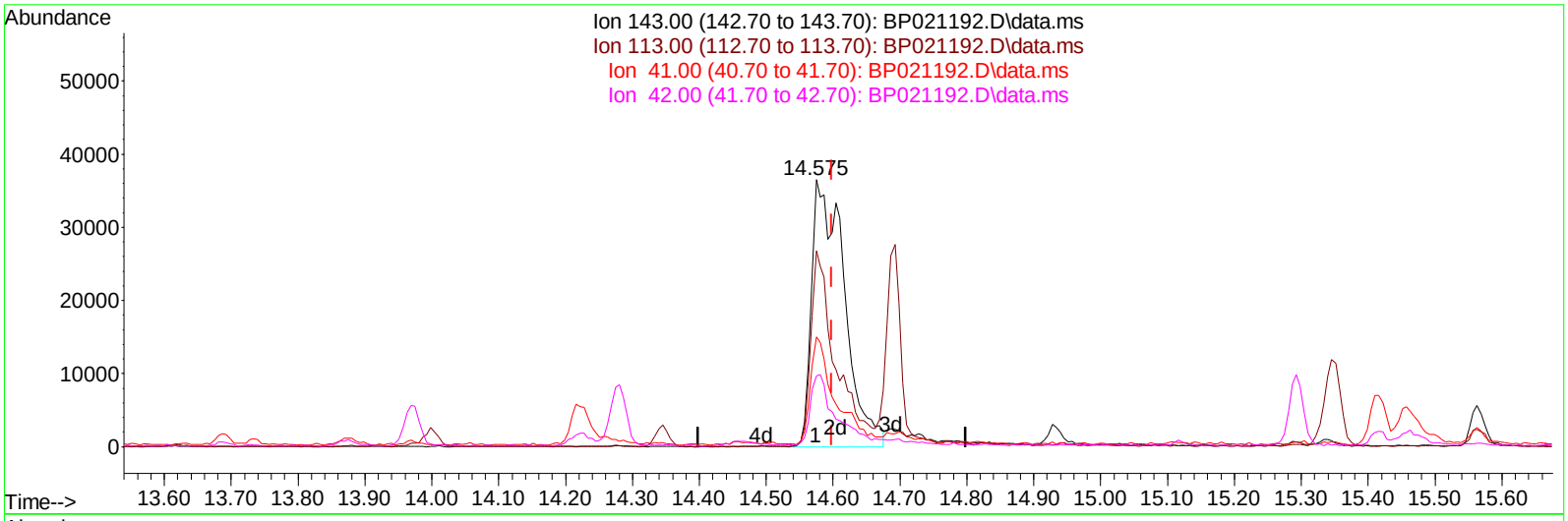

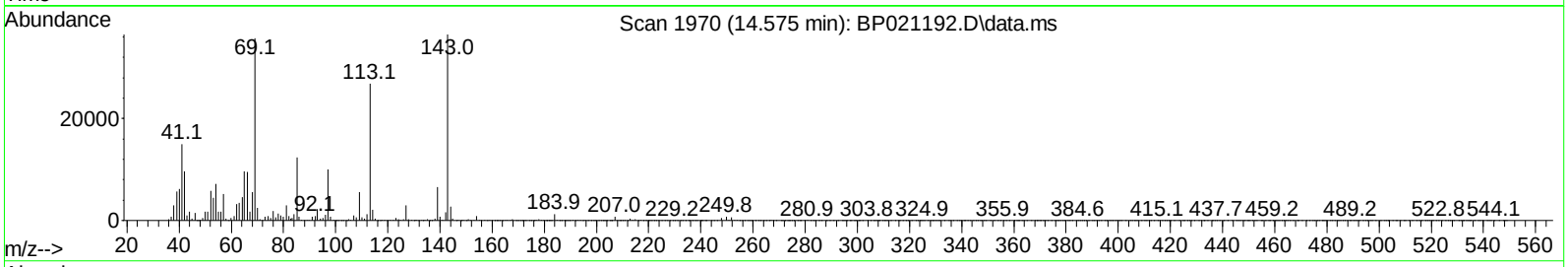

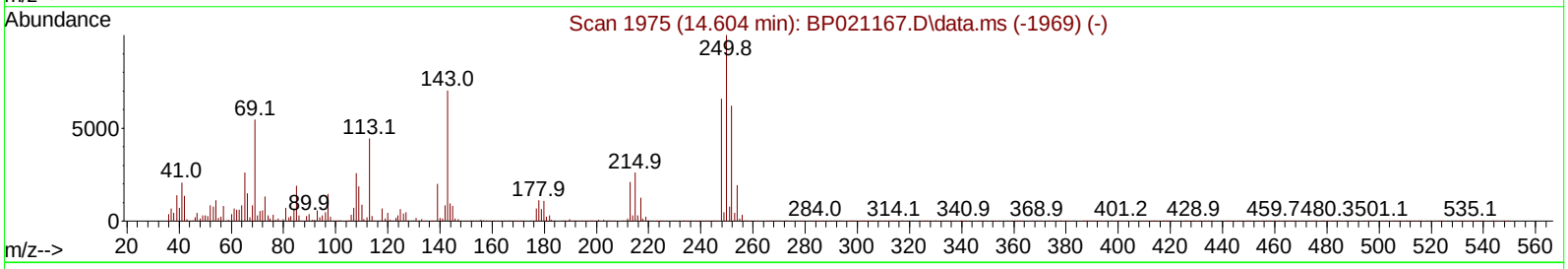

TIC: BP021192.D\data.ms

(54) 4-Nitrophenol-d4 (S)

14.575min (-0.024) 25.41 ng/ul m

response 123723

Ion	Exp%	Act%
143.00	100.00	100.00
113.00	74.70	73.45
41.00	37.90	41.11
42.00	27.10	26.49

Quantitation Report (QT Reviewed)

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Misc :
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Quant Time: Jul 29 00:57:04 2024
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
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Instrument :
BNA_P
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/29/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	188706	20.000	ng/ul	0.00
20) Naphthalene-d8	10.404	136	730945	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.281	164	470787	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	1006880	20.000	ng/ul	-0.01
79) Chrysene-d12	21.545	240	1036548	20.000	ng/ul	-0.01
88) Perylene-d12	24.862	264	1246022	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	33227	8.013	ng/uL	0.00
4) Pyridine-d5	3.599	84	228996	19.074	ng/ul	0.00
7) Phenol-d5	6.863	99	286849	18.645	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.993	67	174473	18.713	ng/ul	0.00
11) 2-Chlorophenol-d4	7.199	132	242684	19.146	ng/ul	0.00
15) 4-Methylphenol-d8	8.381	113	226362	17.715	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	113297	19.956	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	129377	19.910	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	232720	19.806	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.569	131	304935	19.590	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	667881	19.515	ng/ul	-0.01
49) Acenaphthylene-d8	13.969	160	753107	19.598	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.575	143	123723m	25.409	ng/ul	-0.02
60) Fluorene-d10	15.292	176	568168	20.236	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	115924	19.028	ng/ul	-0.01
73) Anthracene-d10	17.204	188	907892	20.301	ng/ul	0.00
81) Pyrene-d10	19.592	212	1094610	17.081	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.633	264	1227784	19.979	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	35982	7.889	ng/uL	99
5) Pyridine	3.616	79	236652	19.111	ng/ul	96
6) Benzaldehyde	6.822	77	176788	22.793	ng/ul	100
8) Phenol	6.893	94	289822	18.617	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.087	93	237725	18.485	ng/ul	99
12) 2-Chlorophenol	7.234	128	243644	19.178	ng/ul	99
13) 2-Methylphenol	8.110	108	218406	18.141	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.163	45	343568	18.491	ng/ul	97
16) Acetophenone	8.463	105	357161	18.111	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.440	70	176310	17.063	ng/ul	99
18) 4-Methylphenol	8.440	108	233039	18.067	ng/ul	93
19) Hexachloroethane	8.699	117	106288	18.618	ng/ul	98
22) Nitrobenzene	8.840	77	272456	20.034	ng/ul	98
23) Isophorone	9.363	82	503264	18.614	ng/ul	97
25) 2-Nitrophenol	9.546	139	135371	19.975	ng/ul	99
26) 2,4-Dimethylphenol	9.610	107	261788	19.589	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	307840	18.731	ng/ul	98
29) 2,4-Dichlorophenol	10.093	162	227029	19.605	ng/ul	98
30) Naphthalene	10.457	128	755060	19.638	ng/ul	99
32) 4-Chloroaniline	10.593	127	294529	19.815	ng/ul	99
33) Hexachlorobutadiene	10.710	225	171050	19.700	ng/ul	97
34) Caprolactam	11.410	113	69944m	19.607	ng/ul	
35) 4-Chloro-3-methylphenol	11.745	107	242014	19.227	ng/ul	99

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Instrument :
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SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/29/2024
Supervised By :mohammad ahmed 07/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	511409	19.377	ng/ul	98
37) 1-Methylnaphthalene	12.293	142	526134	19.383	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.445	216	301040	19.690	ng/ul	98
40) Hexachlorocyclopentadiene	12.404	237	164599	20.580	ng/ul	100
41) 2,4,6-Trichlorophenol	12.716	196	183418	18.985	ng/ul	99
42) 2,4,5-Trichlorophenol	12.804	196	193457	18.926	ng/ul	99
43) 1,1'-Biphenyl	13.092	154	663968	19.298	ng/ul	98
44) 2-Chloronaphthalene	13.140	162	538723	19.614	ng/ul	100
45) 2-Nitroaniline	13.381	65	154842	20.385	ng/ul	97
47) Dimethylphthalate	13.734	163	678018	19.525	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	137691	19.833	ng/ul	97
50) Acenaphthylene	13.998	152	845927	19.442	ng/ul	99
51) 3-Nitroaniline	14.222	138	131273	21.729	ng/ul	96
52) Acenaphthene	14.345	153	568655	19.691	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	86295	23.669	ng/ul	97
55) 4-Nitrophenol	14.592	109	83021	20.960	ng/ul	91
56) Dibenzofuran	14.692	168	778958	19.698	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	203092	21.310	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.934	232	169656	19.383	ng/ul	97
59) Diethylphthalate	15.116	149	693191	19.974	ng/ul	100
61) Fluorene	15.351	166	644370	19.968	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	345115	19.709	ng/ul	98
63) 4-Nitroaniline	15.416	138	131657	26.315	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	122010	18.885	ng/ul	98
67) N-Nitrosodiphenylamine	15.563	169	551777	18.819	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	218437	18.509	ng/ul	98
69) Hexachlorobenzene	16.375	284	261151	19.299	ng/ul	99
70) Atrazine	16.557	200	218256	20.425	ng/ul	99
71) Pentachlorophenol	16.757	266	162457	22.104	ng/ul	97
72) Phenanthrene	17.139	178	1030456	19.728	ng/ul	99
74) Anthracene	17.239	178	1067279	20.043	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	297311	18.449	ng/uL	99
76) Pentachlorobenzene	14.610	250	300412	18.760	ng/uL	99
77) Carbazole	17.533	167	946142	21.736	ng/ul	99
78) Di-n-butylphthalate	18.098	149	1196323	19.920	ng/ul	100
80) Fluoranthene	19.239	202	1297899	16.771	ng/ul	99
82) Pyrene	19.622	202	1330089	16.890	ng/ul	99
83) Butylbenzylphthalate	20.557	149	567721	17.302	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.451	252	496452	20.960	ng/ul	98
85) Benzo(a)anthracene	21.527	228	1393790	19.195	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.433	149	839972	17.789	ng/ul	99
87) Chrysene	21.592	228	1317948	19.534	ng/ul	99
89) Di-n-octyl phthalate	22.686	149	1486687	18.061	ng/ul	100
90) Benzo(b)fluoranthene	23.810	252	1477328	19.538	ng/ul	99
91) Benzo(k)fluoranthene	23.880	252	1429947	18.949	ng/ul	99
93) Benzo(a)pyrene	24.698	252	1378274	19.289	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.633	276	1749597	19.002	ng/ul#	93
95) Dibenzo(a,h)anthracene	28.680	278	1454284	19.073	ng/ul	98
96) Benzo(g,h,i)perylene	29.797	276	1419862	18.935	ng/ul	97

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

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