Quantitation Report (Qedit)

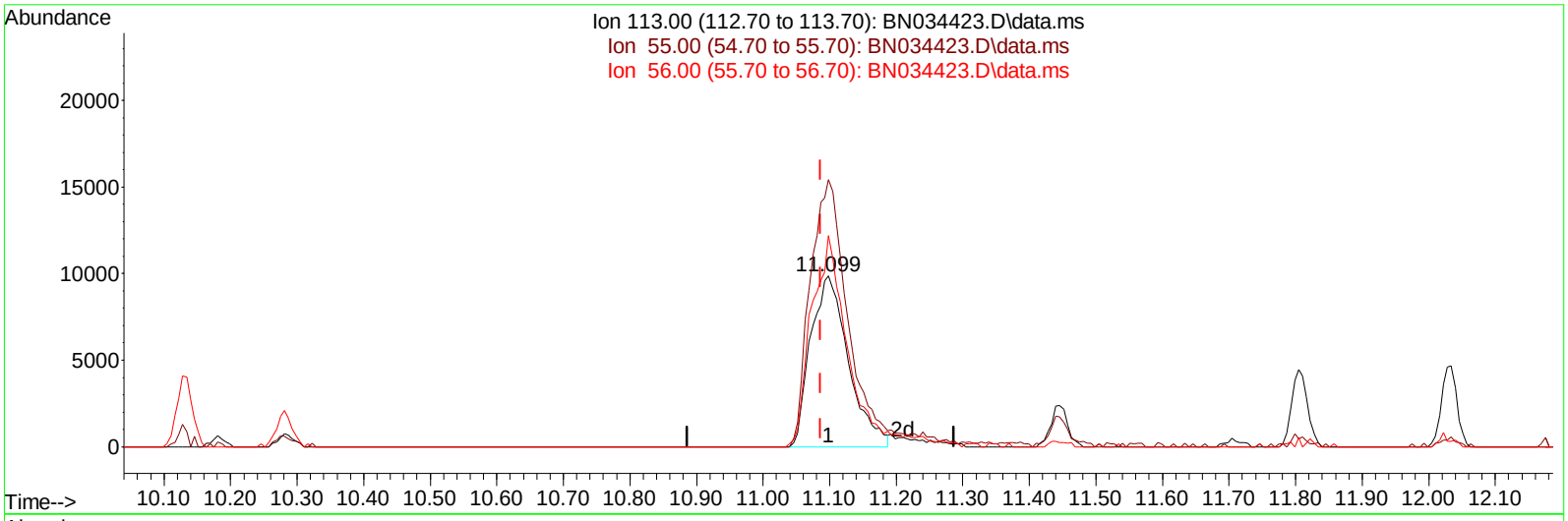
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100424\
Data File : BN034423.D
Acq On : 05 Oct 2024 14:20
Operator : RC/JU
Sample : PB163807BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

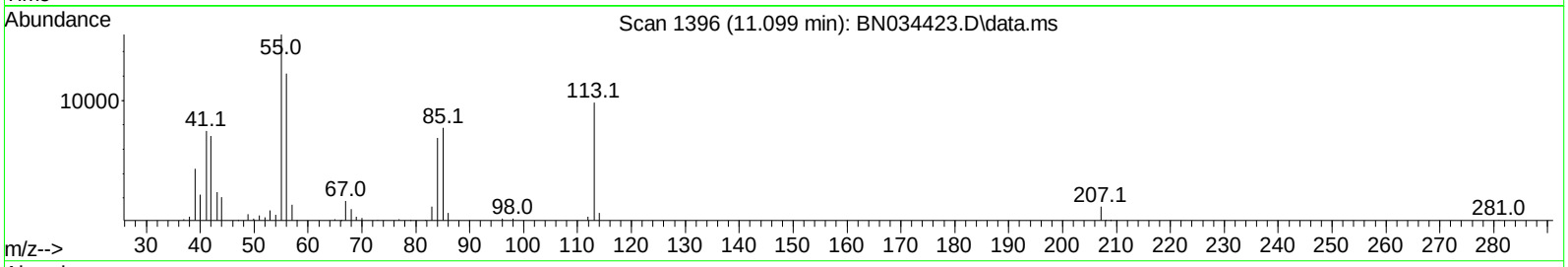
Quant Time: Oct 07 00:05:45 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 30 14:14:38 2024
Response via : Initial Calibration

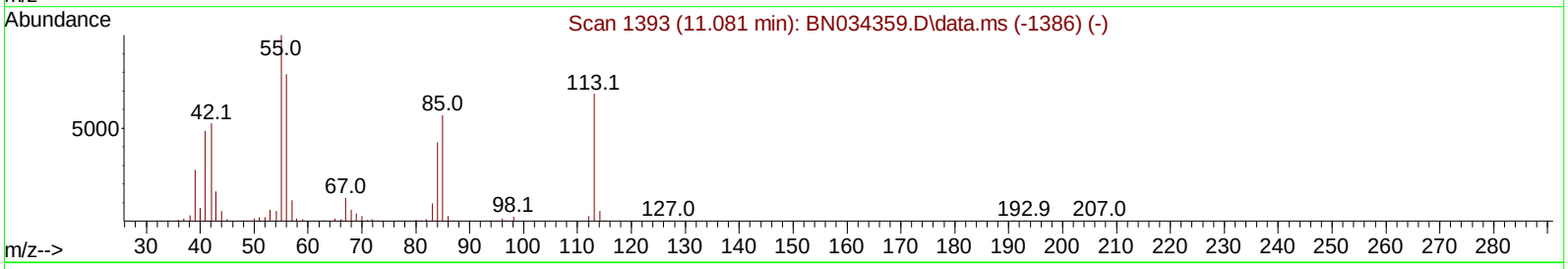
Instrument :
BNA_N
ClientSampleId :
SLCS807

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024







TIC: BN034423.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 9.85 ng/ul

response 38779

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.44
56.00	124.60	123.74
0.00	0.00	0.00

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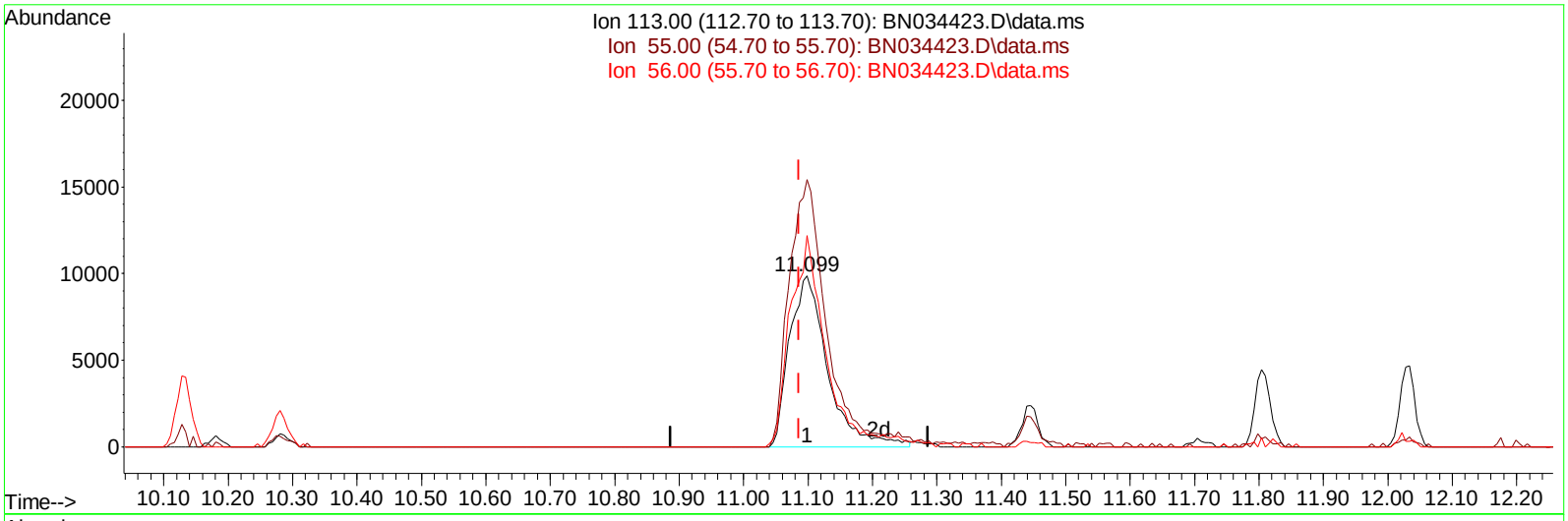

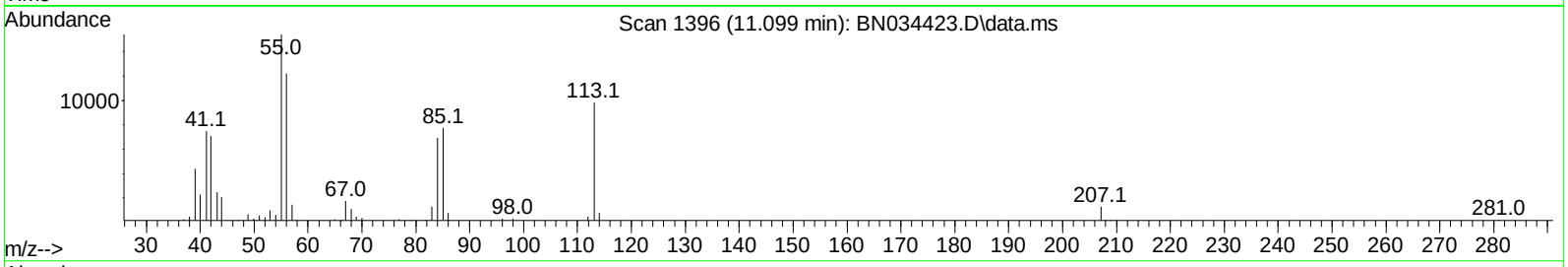

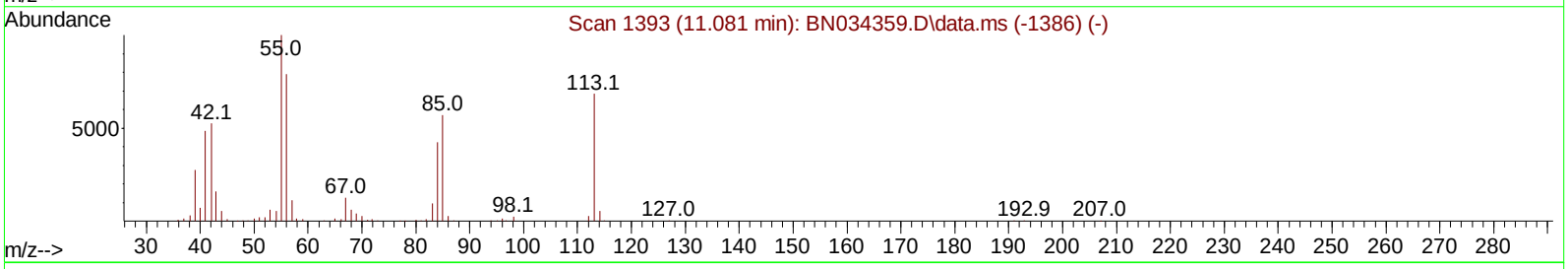

TIC: BN034423.D\data.ms

(34) Caprolactam

11.099min (+ 0.012) 10.31 ng/ul m

response 40585

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	171.30	156.44
56.00	124.60	123.74
0.00	0.00	0.00

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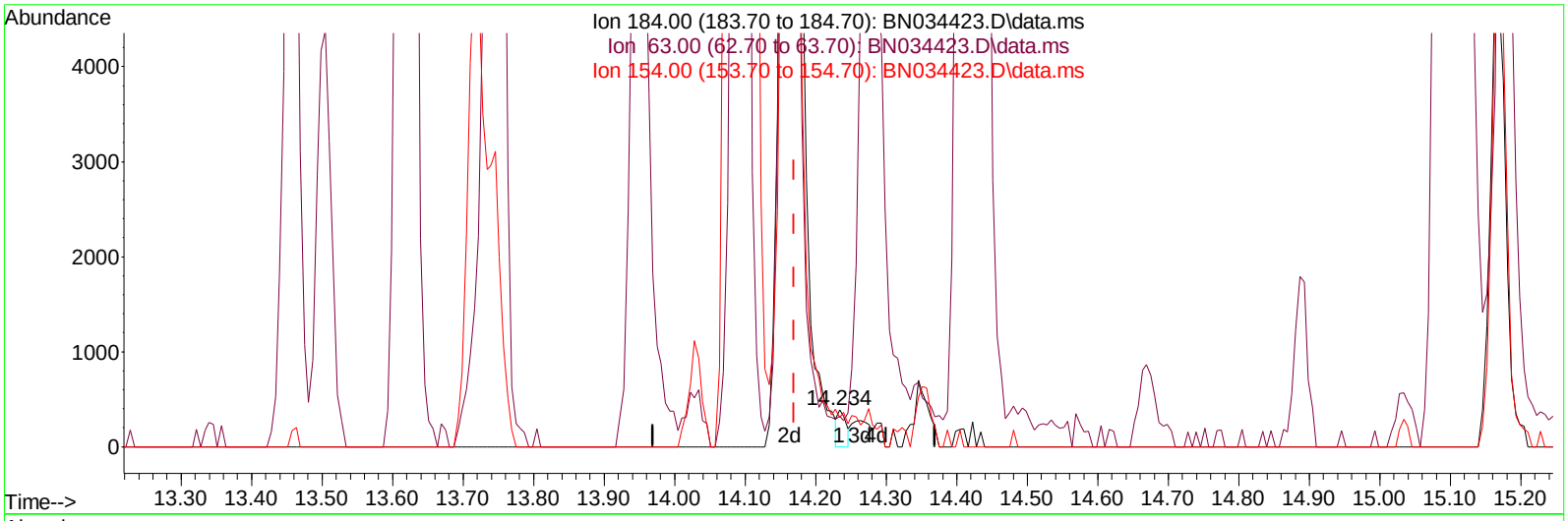

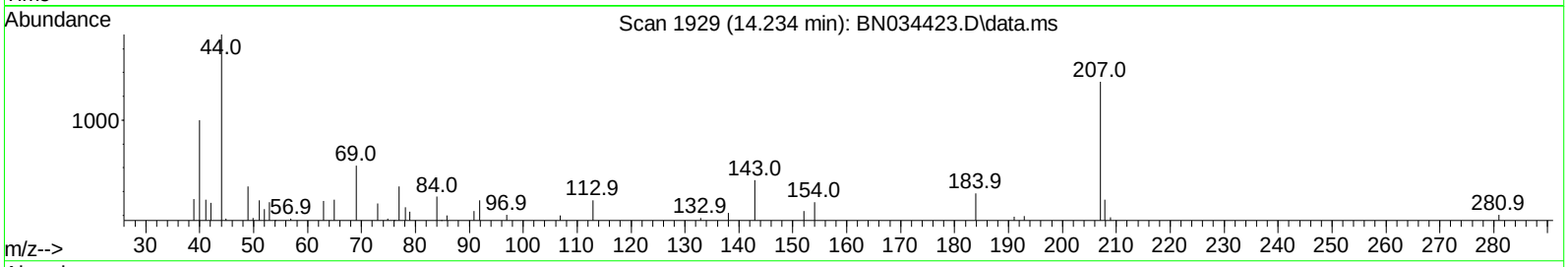

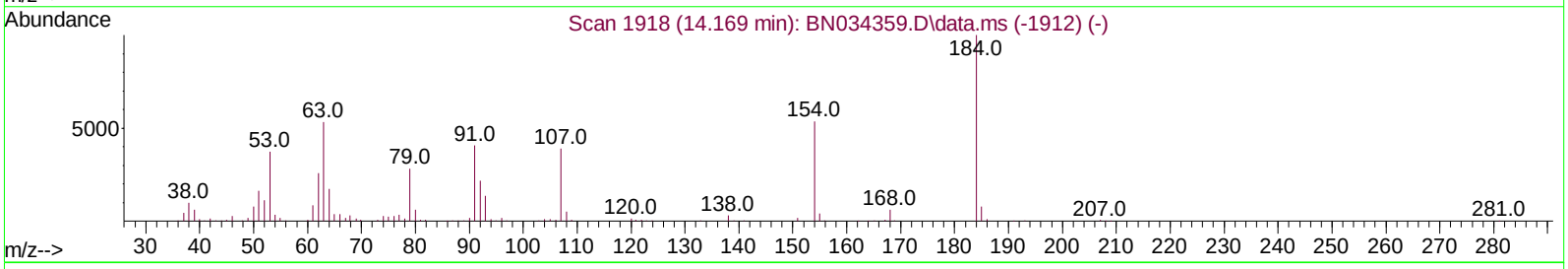

TIC: BN034423.D\data.ms

(53) 2,4-Dinitrophenol

14.234min (+ 0.065) 0.09 ng/ul

response 317

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.40	83.64
154.00	73.10	80.78
0.00	0.00	0.00

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Misc :
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Instrument :
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ClientSampleId :
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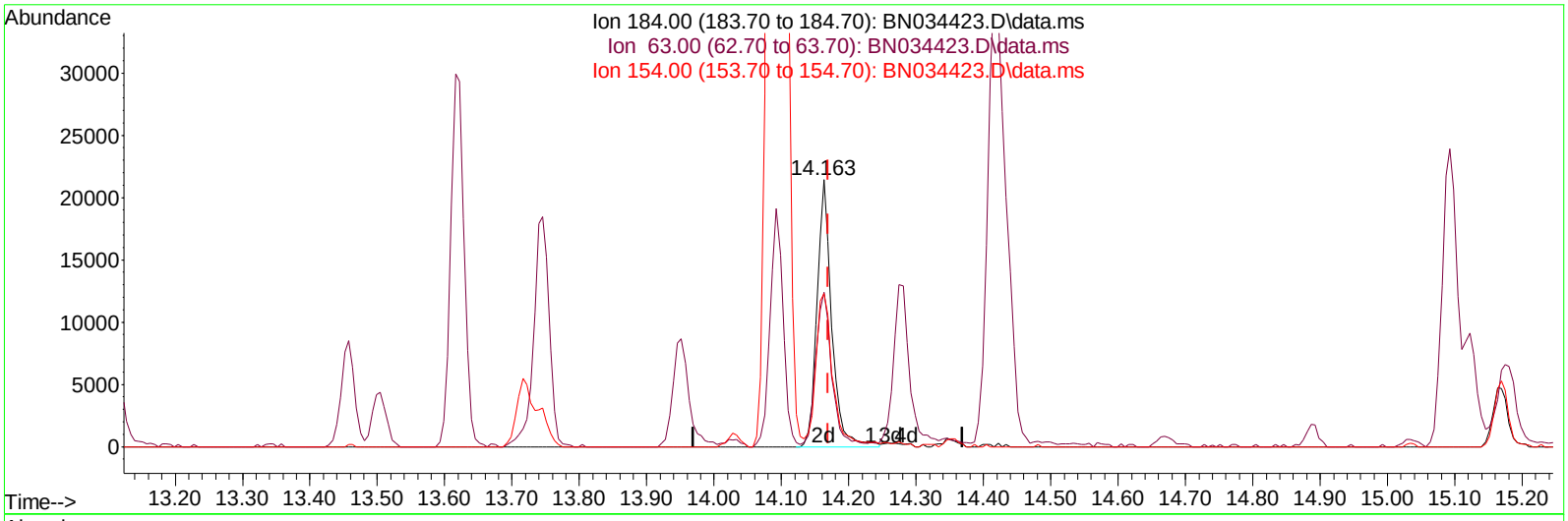

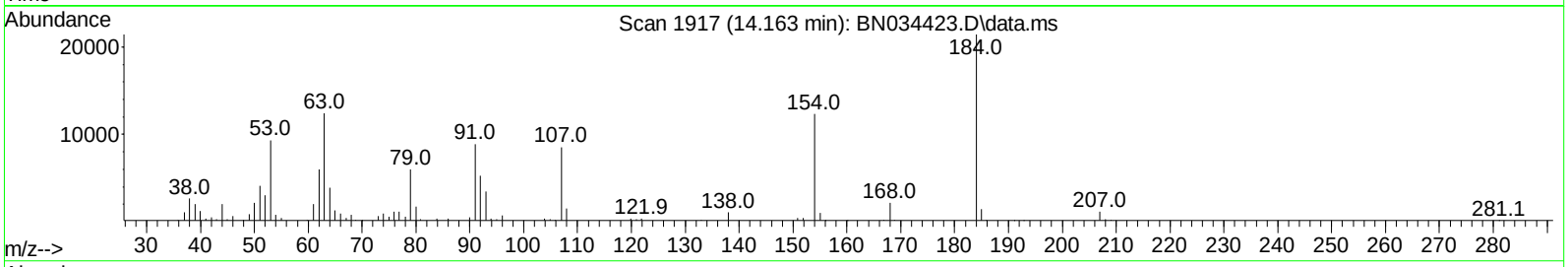

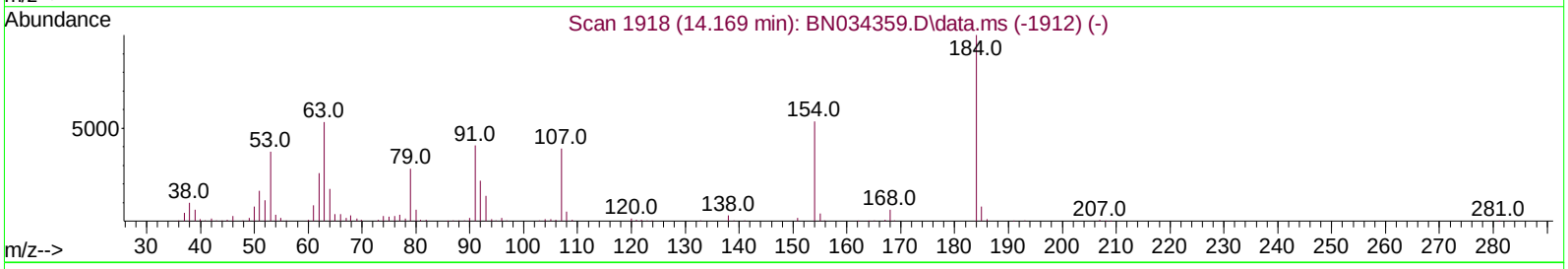

TIC: BN034423.D\data.ms

(53) 2,4-Dinitrophenol

14.163min (-0.006) 9.09 ng/ul m

response 32655

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	76.40	57.95#
154.00	73.10	57.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Operator : RC/JU
Sample : PB163807BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Oct 07 00:59:44 2024
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Quant Title : SVOA CALIBRATION
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/07/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.375	152	156582	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.134	136	632873	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.028	164	407160	20.000	ng/ul	-0.01
64) Phenanthrene-d10	16.787	188	847552	20.000	ng/ul	-0.01
79) Chrysene-d12	21.022	240	891818	20.000	ng/ul	-0.01
88) Perylene-d12	23.727	264	974392	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.993	96	19814	5.164	ng/uL	0.00
4) Pyridine-d5	3.381	84	254875	22.347	ng/ul	0.00
7) Phenol-d5	6.575	99	324689	23.364	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.734	67	196657	22.808	ng/ul	0.00
11) 2-Chlorophenol-d4	6.916	132	287648	26.296	ng/ul	-0.01
15) 4-Methylphenol-d8	8.093	113	265258	23.198	ng/ul	-0.01
21) Nitrobenzene-d5	8.522	128	136814	27.122	ng/ul	0.00
24) 2-Nitrophenol-d4	9.234	143	147560	28.447	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	264609	27.087	ng/ul	0.00
31) 4-Chloroaniline-d4	10.281	131	369769	25.002	ng/ul	-0.01
46) Dimethylphthalate-d6	13.457	166	813938	26.749	ng/ul	-0.01
49) Acenaphthylene-d8	13.716	160	928487	27.124	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.263	143	139064	22.269	ng/ul	-0.01
60) Fluorene-d10	15.034	176	684273	26.534	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.169	200	124019	24.542	ng/ul	0.00
73) Anthracene-d10	16.887	188	1057832	26.547	ng/ul	-0.01
81) Pyrene-d10	19.198	212	1303144	26.226	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.545	264	1410982	28.190	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.028	88	21399	5.287	ng/uL	88
5) Pyridine	3.399	79	129069	11.059	ng/ul	94
6) Benzaldehyde	6.540	77	85810	11.698	ng/ul	94
8) Phenol	6.605	94	167843	11.600	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.822	93	137201	12.201	ng/ul	96
12) 2-Chlorophenol	6.946	128	148970	13.289	ng/ul	95
13) 2-Methylphenol	7.828	108	127426	11.783	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	7.899	45	182546	11.007	ng/ul	95
16) Acetophenone	8.193	105	211010	11.649	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.181	70	99769	11.123	ng/ul	93
18) 4-Methylphenol	8.158	108	140119	11.642	ng/ul	99
19) Hexachloroethane	8.428	117	60810	12.861	ng/ul	92
22) Nitrobenzene	8.563	77	151899	12.031	ng/ul	91
23) Isophorone	9.087	82	280506	12.048	ng/ul	97
25) 2-Nitrophenol	9.263	139	79188	13.641	ng/ul	91
26) 2,4-Dimethylphenol	9.340	107	115480	9.669	ng/ul	91
27) Bis(2-Chloroethoxy)met...	9.575	93	183105	12.782	ng/ul	97
29) 2,4-Dichlorophenol	9.793	162	136447	13.795	ng/ul	98
30) Naphthalene	10.181	128	468130	13.523	ng/ul	99
32) 4-Chloroaniline	10.305	127	151716	10.410	ng/ul	100
33) Hexachlorobutadiene	10.469	225	88190	13.897	ng/ul	97
34) Caprolactam	11.099	113	40585m	10.306	ng/ul	
35) 4-Chloro-3-methylphenol	11.446	107	135789	11.661	ng/ul	94

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.804	142	318139	13.342	ng/ul	97
37) 1-Methylnaphthalene	12.028	142	313752	12.999	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.193	216	169698	14.437	ng/ul	92
40) Hexachlorocyclopentadiene	12.169	237	77611	10.731	ng/ul	99
41) 2,4,6-Trichlorophenol	12.446	196	101799	13.064	ng/ul	94
42) 2,4,5-Trichlorophenol	12.516	196	117549	13.733	ng/ul	93
43) 1,1'-Biphenyl	12.851	154	416636	13.573	ng/ul	98
44) 2-Chloronaphthalene	12.887	162	324638	13.576	ng/ul	98
45) 2-Nitroaniline	13.110	65	80918	10.472	ng/ul	88
47) Dimethylphthalate	13.504	163	423324	13.650	ng/ul	99
48) 2,6-Dinitrotoluene	13.622	165	78672	12.883	ng/ul	91
50) Acenaphthylene	13.746	152	500763	13.369	ng/ul	100
51) 3-Nitroaniline	13.951	138	76442	11.327	ng/ul	90
52) Acenaphthene	14.093	153	354085	13.241	ng/ul	98
53) 2,4-Dinitrophenol	14.163	184	32655m	9.092	ng/ul	
55) 4-Nitrophenol	14.281	109	51721	9.753	ng/ul	91
56) Dibenzofuran	14.434	168	486286	13.298	ng/ul	98
57) 2,4-Dinitrotoluene	14.416	165	120999	13.143	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.669	232	94673	13.329	ng/ul	93
59) Diethylphthalate	14.887	149	420612	12.979	ng/ul	98
61) Fluorene	15.093	166	396761	13.263	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.098	204	195586	13.489	ng/ul	96
63) 4-Nitroaniline	15.122	138	81412	11.723	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.181	198	70181	12.506	ng/ul#	99
67) N-Nitrosodiphenylamine	15.316	169	352507	13.880	ng/ul	99
68) 4-Bromophenyl-phenylether	15.992	248	124650	14.483	ng/ul	94
69) Hexachlorobenzene	16.092	284	149662	14.982	ng/ul	95
70) Atrazine	16.281	200	91400	9.933	ng/ul	94
71) Pentachlorophenol	16.445	266	84515	12.703	ng/ul	92
72) Phenanthrene	16.828	178	649940	13.907	ng/ul	99
74) Anthracene	16.922	178	628190	13.164	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.810	216	168129	14.253	ng/uL	96
76) Pentachlorobenzene	14.357	250	166234	13.841	ng/uL	97
77) Carbazole	17.198	167	597078	13.594	ng/ul	99
78) Di-n-butylphthalate	17.786	149	738877	13.234	ng/ul	98
80) Fluoranthene	18.863	202	781089	13.446	ng/ul	98
82) Pyrene	19.228	202	830232	13.295	ng/ul	96
83) Butylbenzylphthalate	20.169	149	343237	12.256	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.951	252	265730	13.265	ng/ul	97
85) Benzo(a)anthracene	21.004	228	834210	13.119	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.969	149	525399	12.817	ng/ul	99
87) Chrysene	21.063	228	817145	13.469	ng/ul	96
89) Di-n-octyl phthalate	22.010	149	857234	13.222	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	854142	14.378	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	864498	14.751	ng/ul	98
93) Benzo(a)pyrene	23.598	252	747606	13.321	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.710	276	927901	13.344	ng/ul	97
95) Dibenzo(a,h)anthracene	26.757	278	753118	13.399	ng/ul	97
96) Benzo(g,h,i)perylene	27.639	276	716072	13.265	ng/ul	97

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

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