Quantitation Report (Qedit)

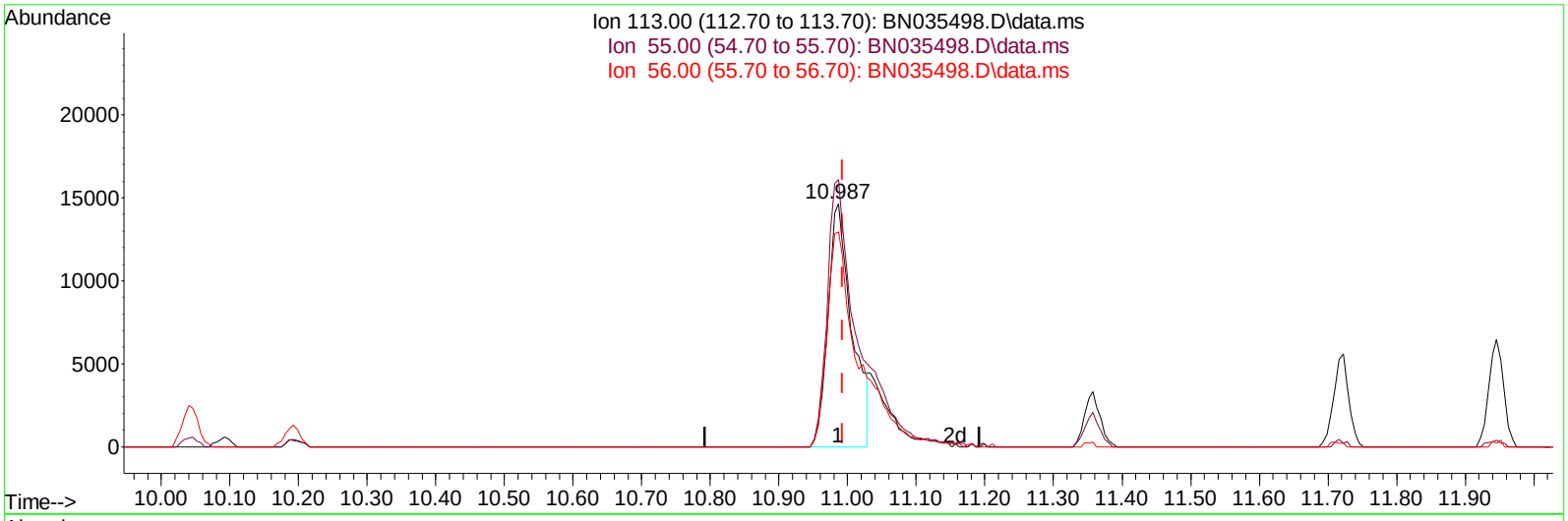
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
Data File : BN035498.D
Acq On : 07 Dec 2024 20:54
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 82 Sample Multiplier: 1

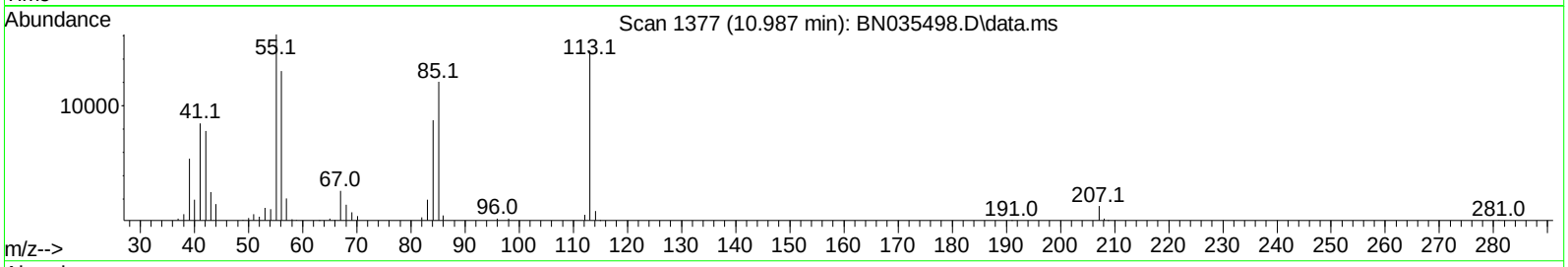
Quant Time: Dec 09 00:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

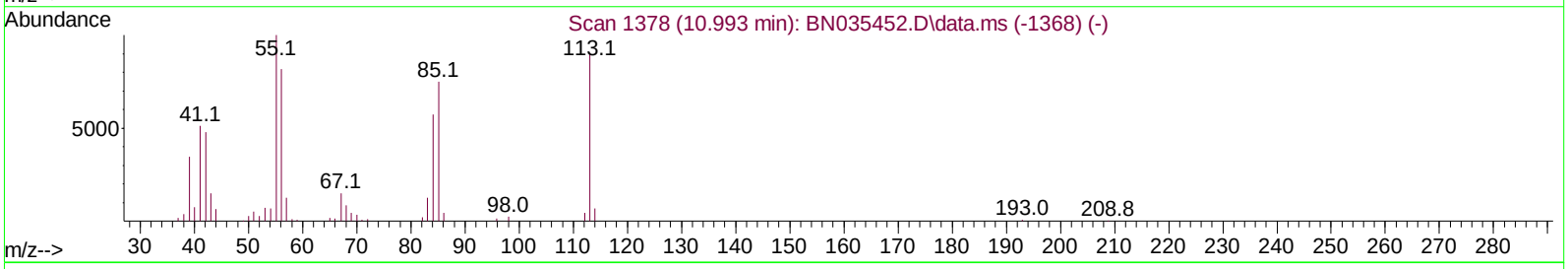
Instrument :
BNA_N
LabSampleId :
SSTDCCC020EC

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
Supervised By :mohammad ahmed 12/13/2024







TIC: BN035498.D\data.ms

(34) Caprolactam

10.987min (-0.006) 16.94 ng/ul

response 35215

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	109.70
56.00	86.70	88.23
0.00	0.00	0.00

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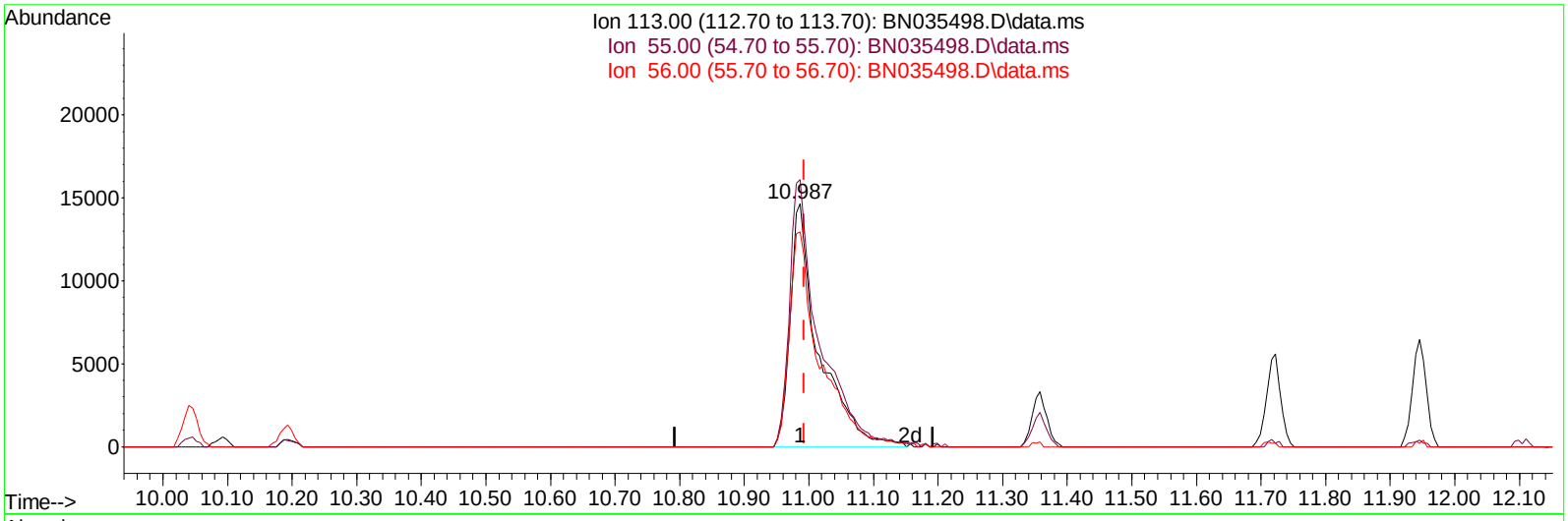

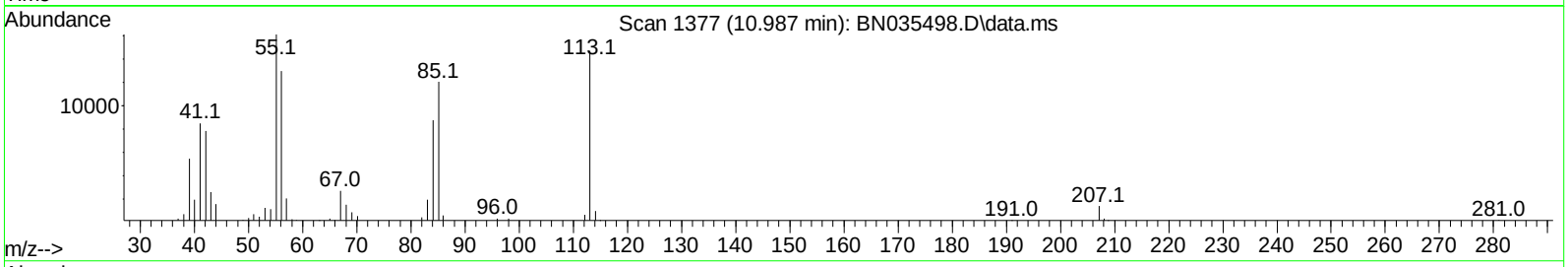

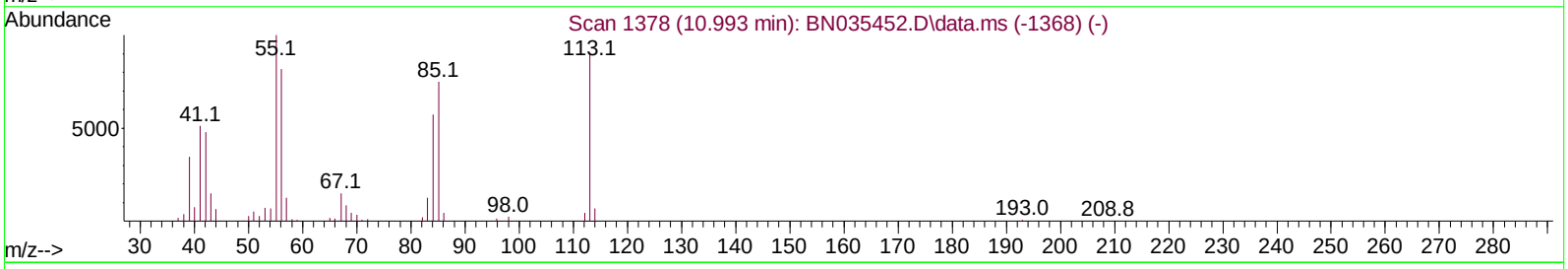

TIC: BN035498.D\data.ms

(34) Caprolactam

10.987min (-0.006) 21.53 ng/ul m

response 44741

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	111.60	109.70
56.00	86.70	88.23
0.00	0.00	0.00

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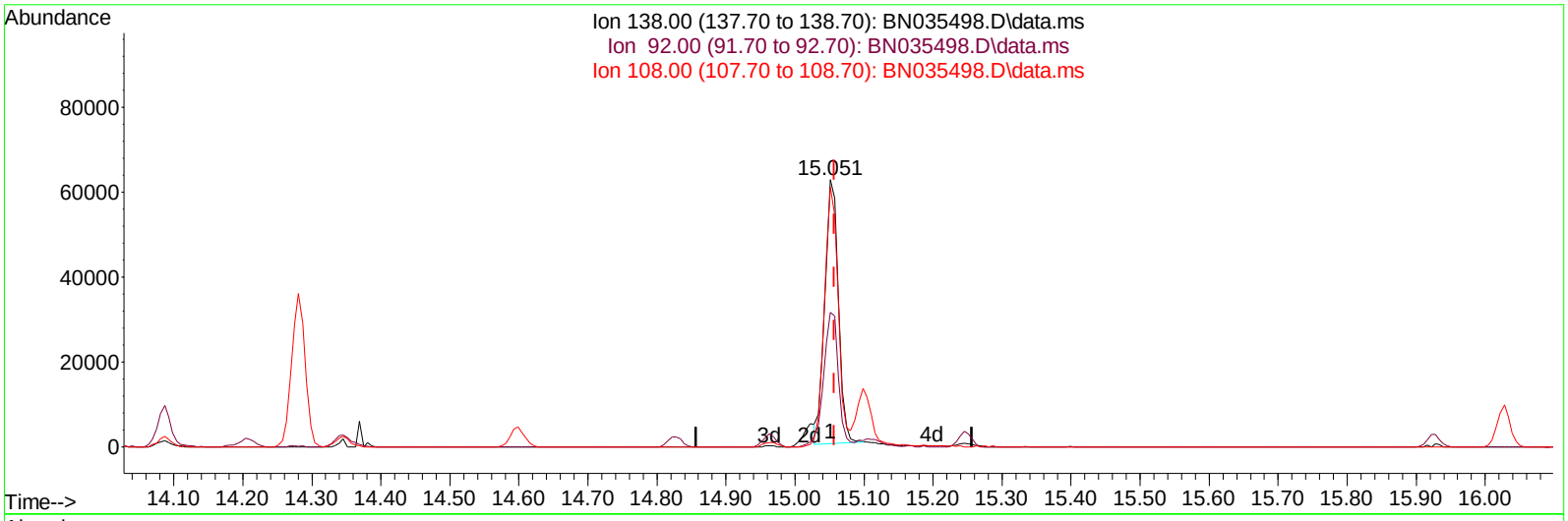

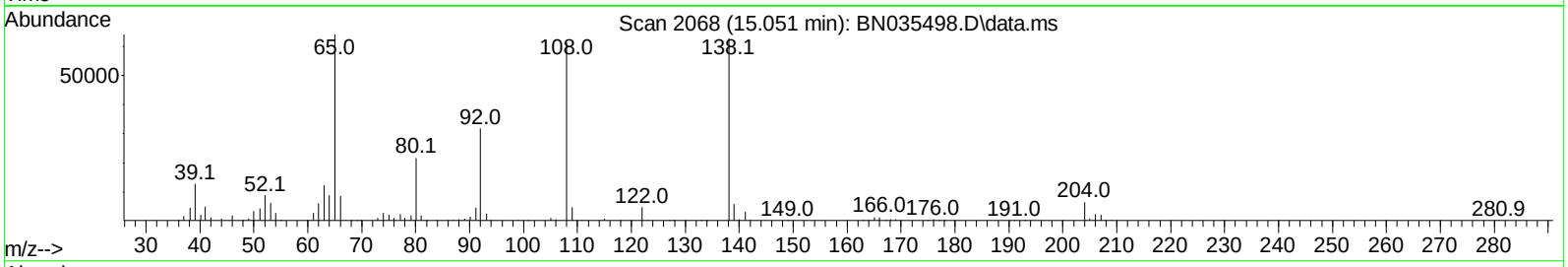

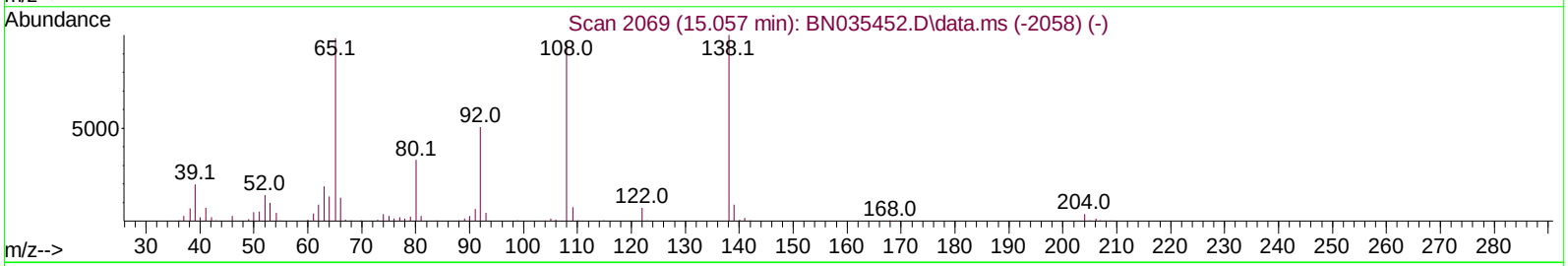

TIC: BN035498.D\data.ms

(63) 4-Nitroaniline

15.051min (-0.006) 21.17 ng/ul

response 85681

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.43
108.00	94.00	97.29
0.00	0.00	0.00

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Instrument :
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LabSampleId :
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Manual IntegrationsAPPROVED

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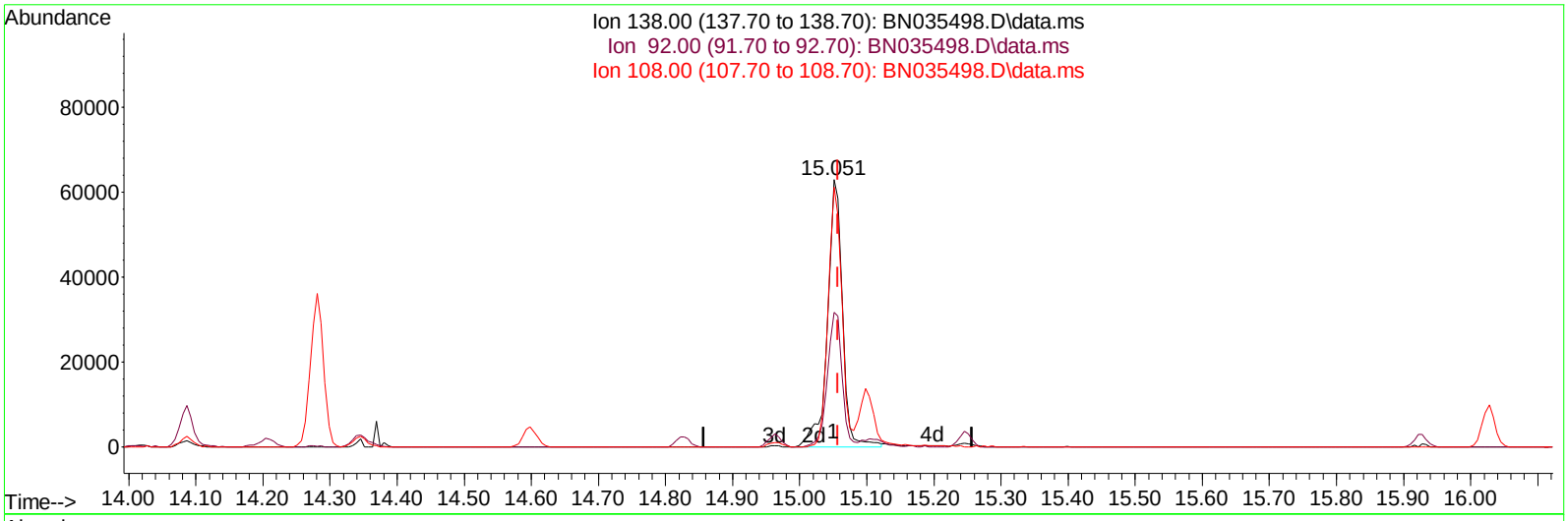

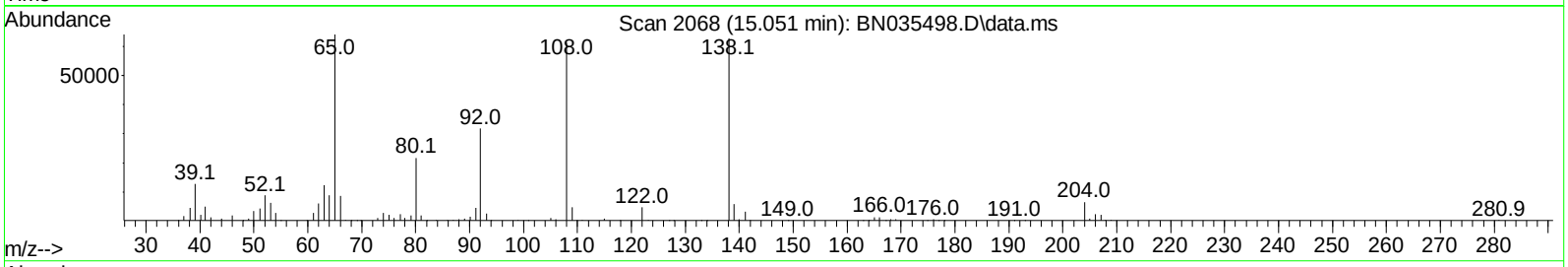

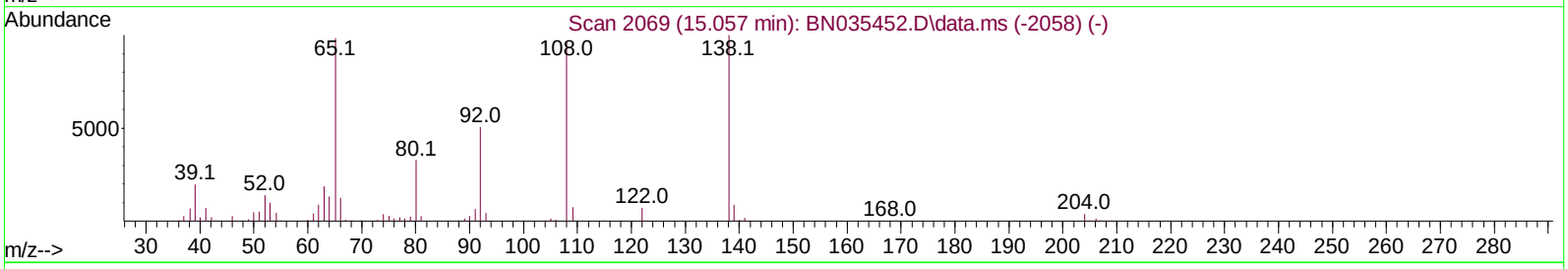

TIC: BN035498.D\data.ms

(63) 4-Nitroaniline

15.051min (-0.006) 23.94 ng/ul m

response 96877

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	51.50	50.43
108.00	94.00	97.29
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120624\
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	97852	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.046	136	432493	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	336502	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.722	188	762170	20.000	ng/ul	0.00
79) Chrysene-d12	20.974	240	712615	20.000	ng/ul	0.00
88) Perylene-d12	23.645	264	812700	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.958	96	15519	7.494	ng/uL	0.00
4) Pyridine-d5	3.334	84	116615	21.363	ng/ul	0.00
7) Phenol-d5	6.499	99	147494	21.159	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.652	67	83081	21.371	ng/ul	-0.01
11) 2-Chlorophenol-d4	6.834	132	122357	20.713	ng/ul	-0.01
15) 4-Methylphenol-d8	8.010	113	129853	21.375	ng/ul	0.00
21) Nitrobenzene-d5	8.434	128	62749	22.332	ng/ul	0.00
24) 2-Nitrophenol-d4	9.146	143	73693	22.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	153479	21.591	ng/ul	0.00
31) 4-Chloroaniline-d4	10.193	131	194032	22.106	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	506689	20.970	ng/ul	0.00
49) Acenaphthylene-d8	13.640	160	555033	20.859	ng/ul	0.00
54) 4-Nitrophenol-d4	14.192	143	87551	22.005	ng/ul	0.00
60) Fluorene-d10	14.963	176	428564	20.539	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.098	200	87031	21.652	ng/ul	0.00
73) Anthracene-d10	16.822	188	706022	21.002	ng/ul	0.00
81) Pyrene-d10	19.139	212	776052	20.619	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.463	264	824633	20.954	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.987	88	17124	7.375	ng/uL#	93
5) Pyridine	3.352	79	117771	21.515	ng/ul	95
6) Benzaldehyde	6.458	77	92243	24.533	ng/ul	99
8) Phenol	6.522	94	155389	21.523	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.746	93	119711	21.180	ng/ul	99
12) 2-Chlorophenol	6.869	128	129024	20.988	ng/ul	97
13) 2-Methylphenol	7.746	108	119633	21.341	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.816	45	95285	21.330	ng/ul	98
16) Acetophenone	8.110	105	214557	22.364	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.105	70	100915	22.125	ng/ul	98
18) 4-Methylphenol	8.075	108	137188	22.025	ng/ul	97
19) Hexachloroethane	8.346	117	53694	20.443	ng/ul	97
22) Nitrobenzene	8.475	77	152999	21.678	ng/ul	98
23) Isophorone	8.999	82	296615	20.972	ng/ul	99
25) 2-Nitrophenol	9.175	139	81148	22.022	ng/ul	98
26) 2,4-Dimethylphenol	9.257	107	155066	20.995	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.493	93	176168	20.448	ng/ul	97
29) 2,4-Dichlorophenol	9.704	162	153295	21.313	ng/ul	97
30) Naphthalene	10.093	128	446190	20.300	ng/ul	99
32) 4-Chloroaniline	10.216	127	184365	21.927	ng/ul	99
33) Hexachlorobutadiene	10.387	225	103464	20.383	ng/ul	97
34) Caprolactam	10.987	113	44741m	21.529	ng/ul	
35) 4-Chloro-3-methylphenol	11.357	107	159805	21.329	ng/ul	97

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/09/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	11.716	142	342365	20.917	ng/ul	100
37) 1-Methylnaphthalene	11.945	142	349368	20.821	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.104	216	204461	20.618	ng/ul	98
40) Hexachlorocyclopentadiene	12.087	237	102947	20.664	ng/ul	97
41) 2,4,6-Trichlorophenol	12.363	196	135173	21.019	ng/ul	95
42) 2,4,5-Trichlorophenol	12.434	196	151535	21.149	ng/ul	96
43) 1,1'-Biphenyl	12.775	154	474244	20.421	ng/ul	98
44) 2-Chloronaphthalene	12.804	162	375556	20.218	ng/ul	98
45) 2-Nitroaniline	13.028	65	88103	24.132	ng/ul	95
47) Dimethylphthalate	13.434	163	502603	20.793	ng/ul	100
48) 2,6-Dinitrotoluene	13.545	165	97709	24.253	ng/ul	97
50) Acenaphthylene	13.669	152	581720	20.568	ng/ul	100
51) 3-Nitroaniline	13.875	138	94556	22.661	ng/ul	98
52) Acenaphthene	14.022	153	422458	20.753	ng/ul	98
53) 2,4-Dinitrophenol	14.087	184	55074	19.571	ng/ul	96
55) 4-Nitrophenol	14.204	109	79377	21.123	ng/ul	98
56) Dibenzofuran	14.363	168	605885	20.933	ng/ul	96
57) 2,4-Dinitrotoluene	14.345	165	147730	23.108	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.598	232	134607	21.565	ng/ul	97
59) Diethylphthalate	14.828	149	499383	21.139	ng/ul	100
61) Fluorene	15.022	166	481075	20.632	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.028	204	243268	20.419	ng/ul	98
63) 4-Nitroaniline	15.051	138	96877m	23.940	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.116	198	96390	22.132	ng/ul	100
67) N-Nitrosodiphenylamine	15.245	169	422788	20.880	ng/ul	97
68) 4-Bromophenyl-phenylether	15.928	248	163532	21.216	ng/ul	99
69) Hexachlorobenzene	16.028	284	190506	20.821	ng/ul	99
70) Atrazine	16.222	200	167889	23.215	ng/ul	98
71) Pentachlorophenol	16.381	266	122424	21.075	ng/ul	94
72) Phenanthrene	16.763	178	796403	20.295	ng/ul	99
74) Anthracene	16.857	178	822611	20.762	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.728	216	204272	20.214	ng/uL	98
76) Pentachlorobenzene	14.281	250	210421	20.227	ng/uL	98
77) Carbazole	17.133	167	717310	21.757	ng/ul	99
78) Di-n-butylphthalate	17.733	149	801011	20.871	ng/ul	99
80) Fluoranthene	18.804	202	930631	21.068	ng/ul	98
82) Pyrene	19.175	202	985388	20.801	ng/ul	98
83) Butylbenzylphthalate	20.127	149	315067	23.597	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.904	252	277782	21.863	ng/ul	98
85) Benzo(a)anthracene	20.957	228	959289	20.052	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.933	149	484814	23.028	ng/ul	99
87) Chrysene	21.016	228	933015	20.241	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	830679	22.486	ng/ul	100
90) Benzo(b)fluoranthene	22.816	252	974147	20.795	ng/ul	98
91) Benzo(k)fluoranthene	22.868	252	1005747	20.967	ng/ul	98
93) Benzo(a)pyrene	23.521	252	917561	20.870	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	1074728	20.493	ng/ul	98
95) Dibenzo(a,h)anthracene	26.639	278	866884	20.401	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	791055	19.874	ng/ul	99

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

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