Quantitation Report (Qedit)

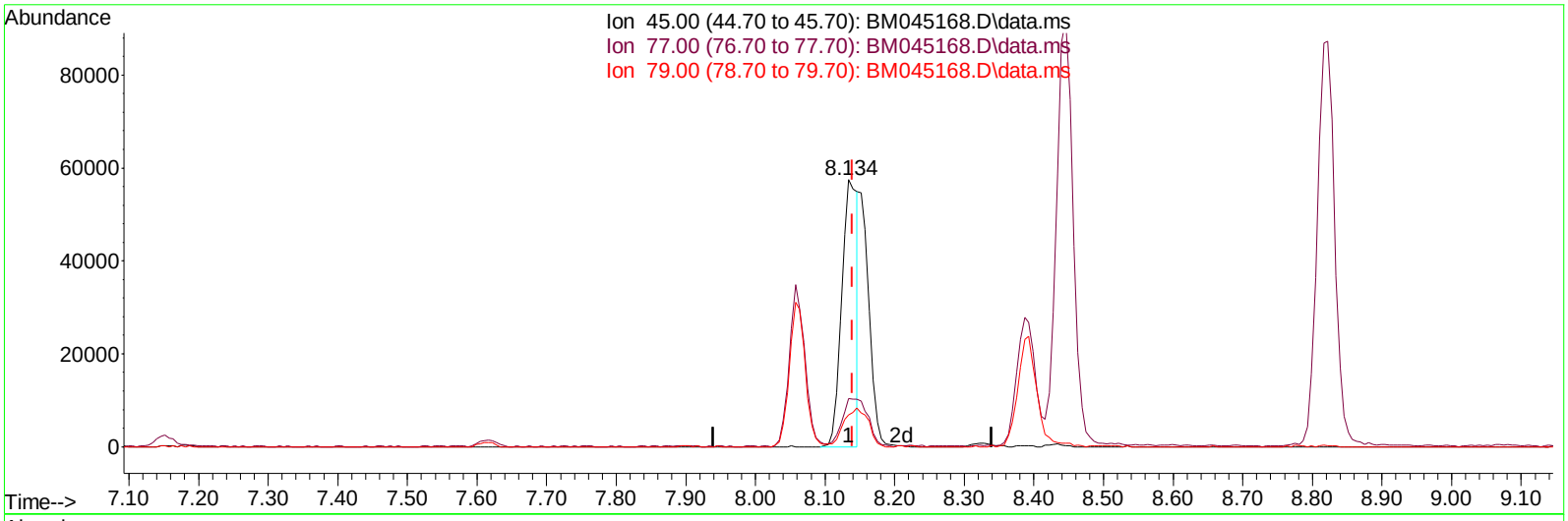
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041124\
Data File : BM045168.D
Acq On : 12 Apr 2024 12:19
Operator : MA/JU
Sample : PB160162BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

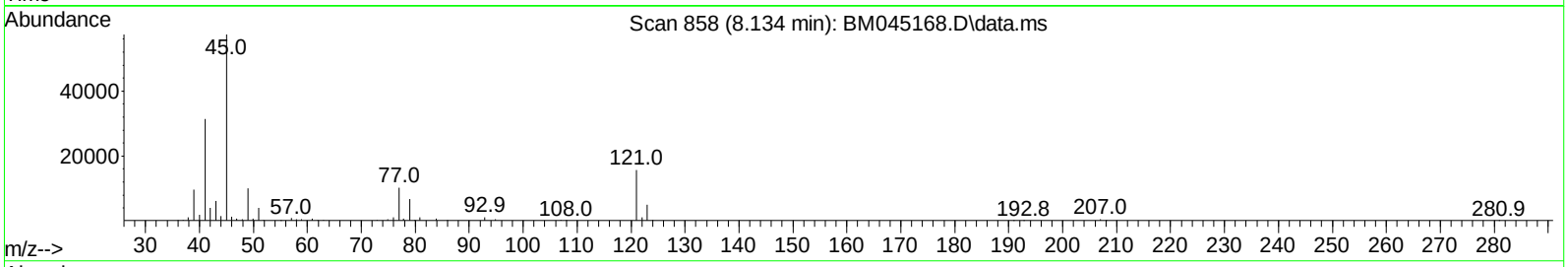
Quant Time: Apr 12 12:50:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 11 18:54:49 2024
Response via : Initial Calibration

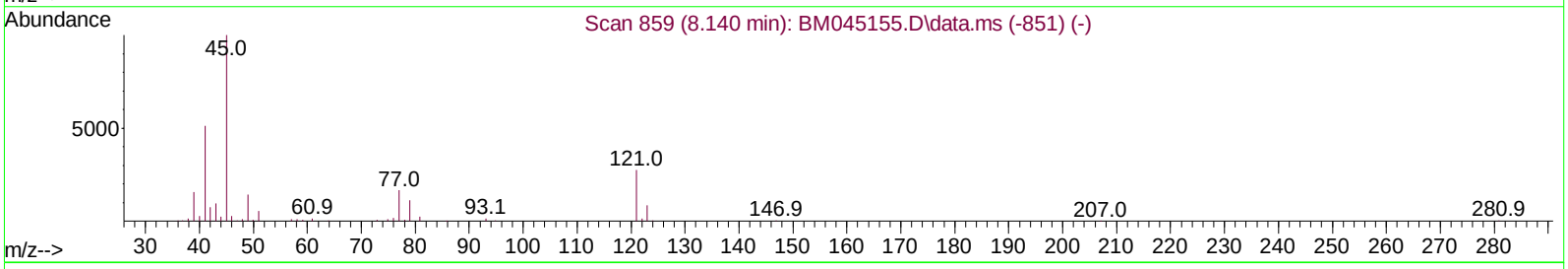
Instrument :
BNA_M
ClientSampleId :
SLCS162

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024







TIC: BM045168.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.134min (-0.005) 21.78 ng/ul

response 90310

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	17.99
79.00	12.60	11.88
0.00	0.00	0.00

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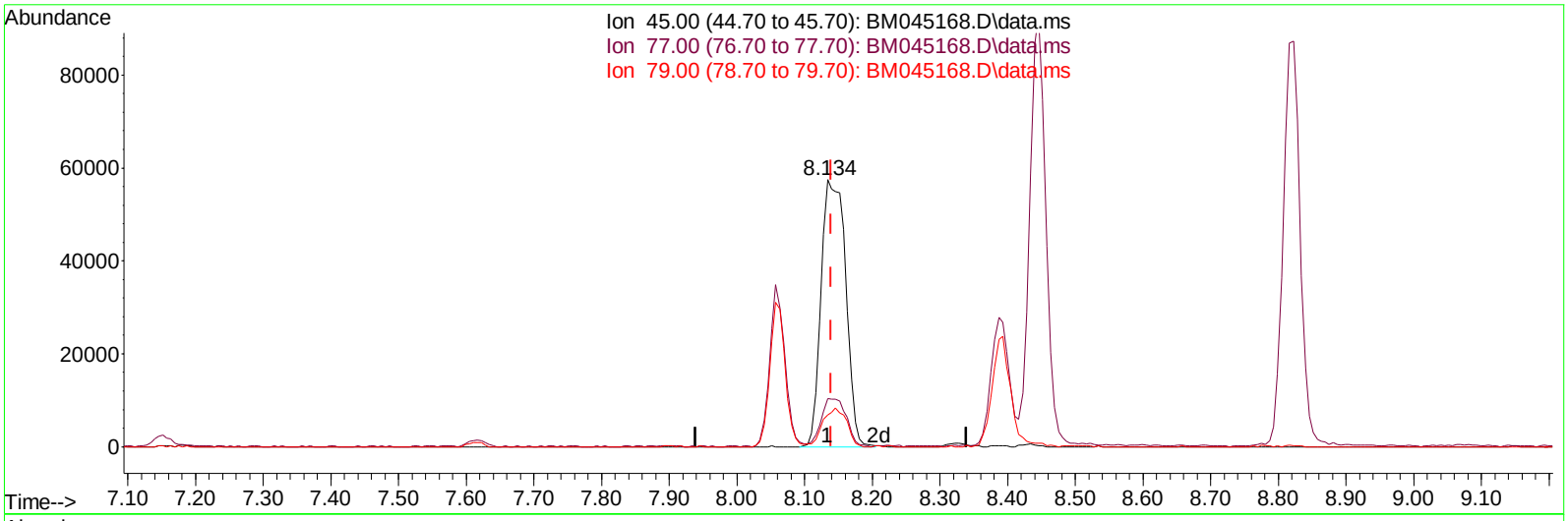

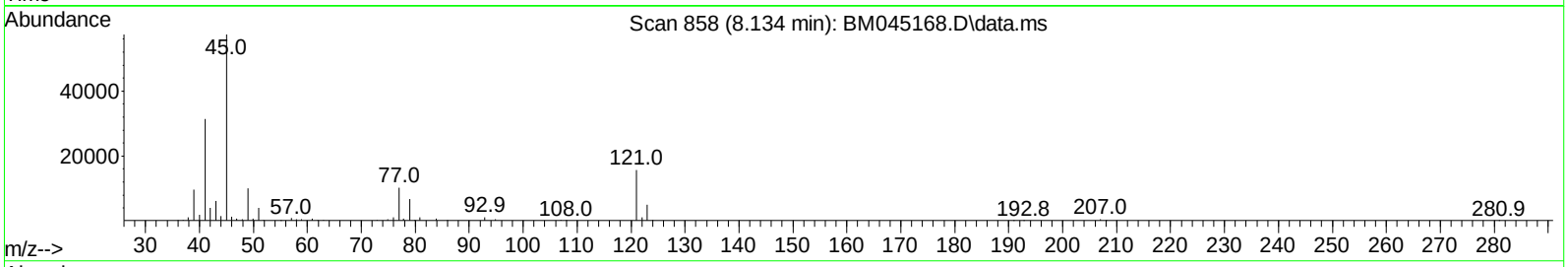

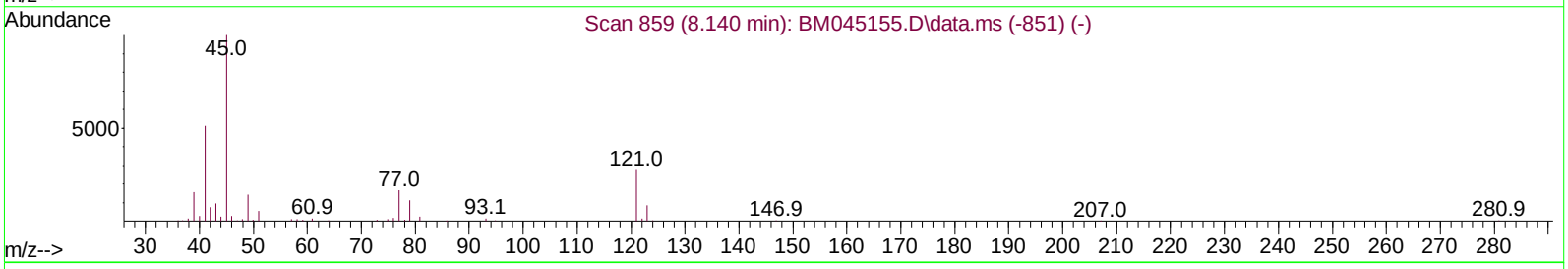

TIC: BM045168.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.134min (-0.005) 34.86 ng/ul m

response 144532

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.70	17.99
79.00	12.60	11.88
0.00	0.00	0.00

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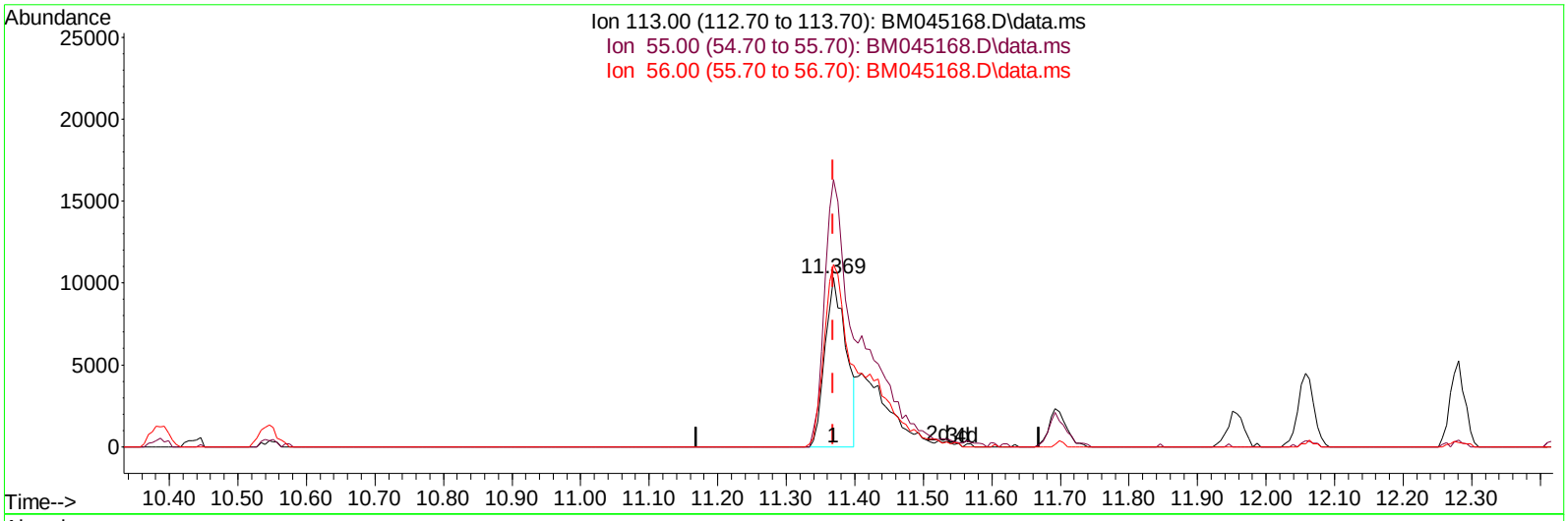

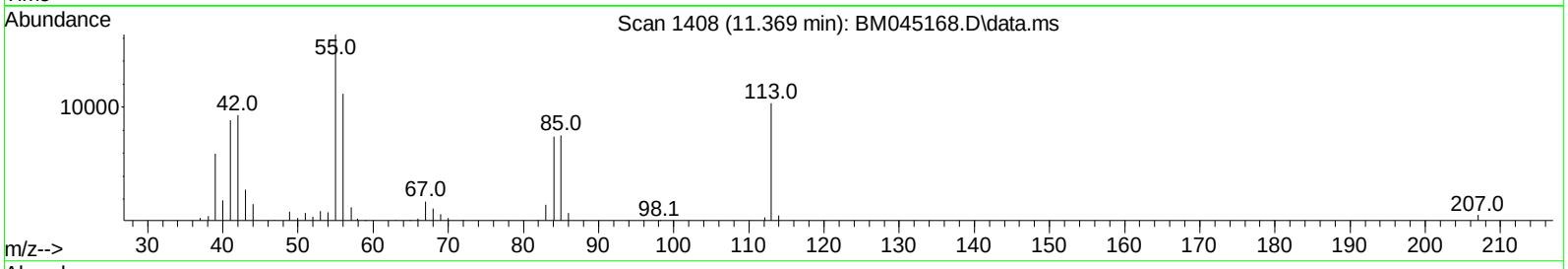

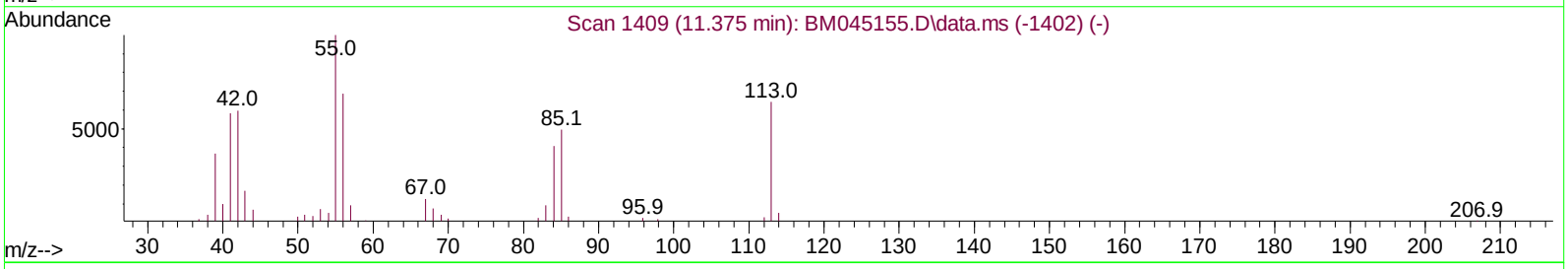

TIC: BM045168.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 20.97 ng/ul

response 22195

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	157.98
56.00	114.80	107.88
0.00	0.00	0.00

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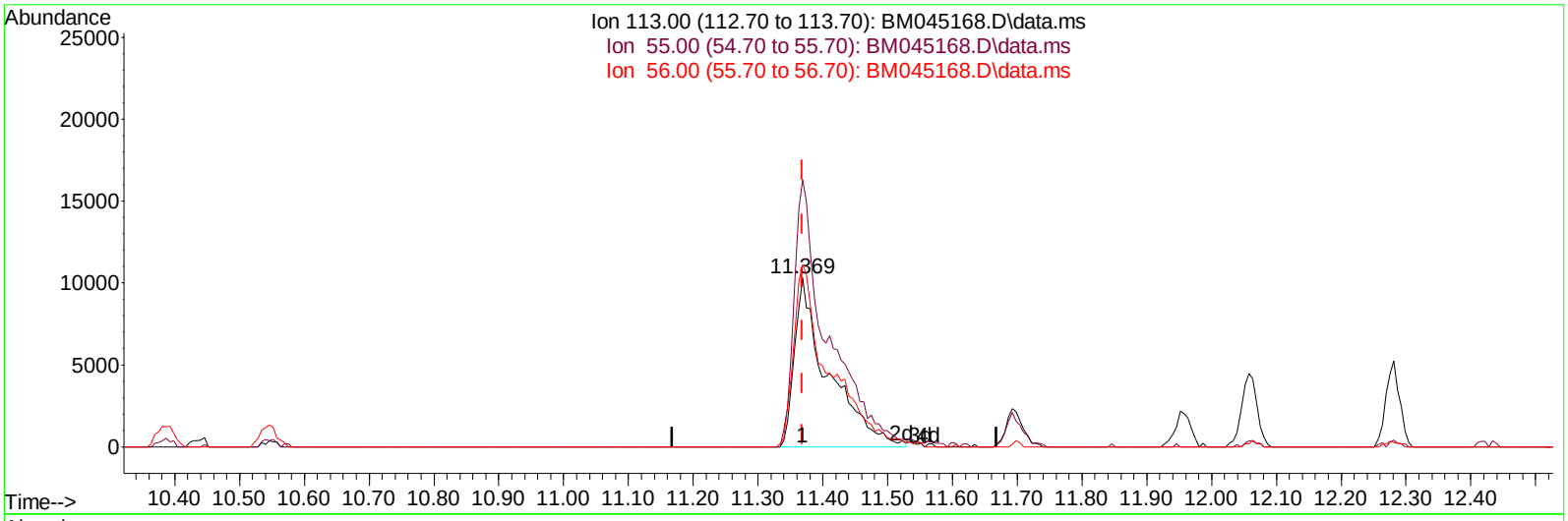

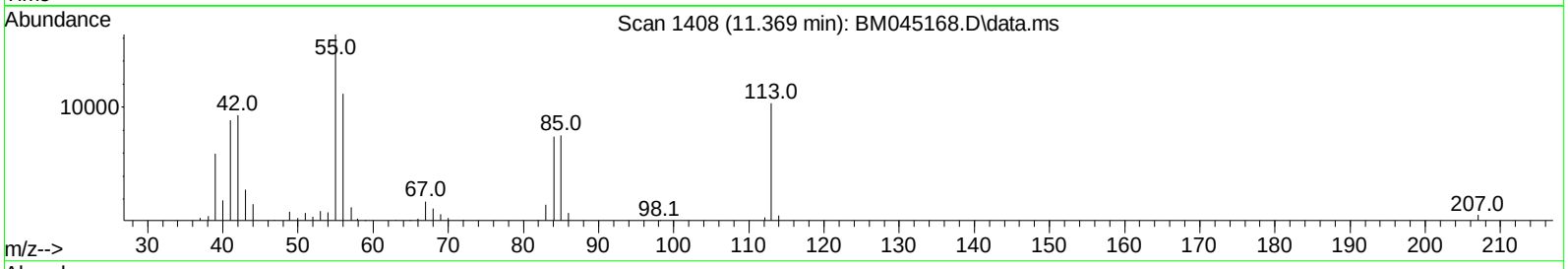

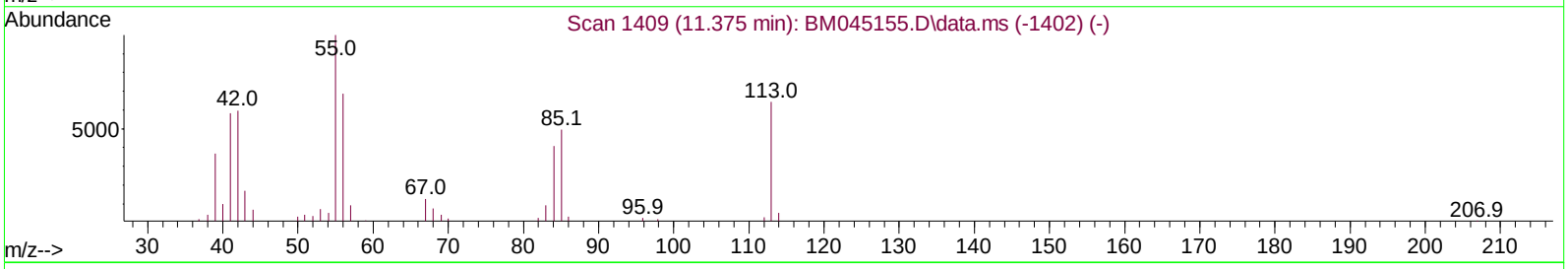

TIC: BM045168.D\data.ms

(34) Caprolactam

11.369min (+ 0.000) 35.00 ng/ul m

response 37051

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	156.70	157.98
56.00	114.80	107.88
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
Supervised By :mohammad ahmed 04/16/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.616	152	50742	20.000	ng/ul	0.00
20) Naphthalene-d8	10.387	136	208785	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.263	164	126327	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.022	188	247962	20.000	ng/ul	0.00
79) Chrysene-d12	21.233	240	245340	20.000	ng/ul	0.00
88) Perylene-d12	23.451	264	298316	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	11001	8.096	ng/uL	0.00
4) Pyridine-d5	3.599	84	123187	33.337	ng/ul	0.00
7) Phenol-d5	6.799	99	160633	37.342	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	98099	38.277	ng/ul	0.00
11) 2-Chlorophenol-d4	7.152	132	134942	40.041	ng/ul	0.00
15) 4-Methylphenol-d8	8.328	113	126752	37.644	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	65838	41.053	ng/ul	0.00
24) 2-Nitrophenol-d4	9.487	143	69157	40.855	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	127610	41.117	ng/ul	0.00
31) 4-Chloroaniline-d4	10.546	131	161710	32.727	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	333226	37.885	ng/ul	0.00
49) Acenaphthylene-d8	13.951	160	408767	39.338	ng/ul	0.00
54) 4-Nitrophenol-d4	14.498	143	61453	33.477	ng/ul	0.00
60) Fluorene-d10	15.263	176	294524	37.559	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	53444	36.351	ng/ul	0.00
73) Anthracene-d10	17.122	188	444211	39.823	ng/ul	0.00
81) Pyrene-d10	19.427	212	515119	42.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.309	264	602761	41.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	15386	10.842	ng/uL#	87
5) Pyridine	3.617	79	130115	33.232	ng/ul	97
6) Benzaldehyde	6.781	77	91235	45.752	ng/ul	97
8) Phenol	6.822	94	164476	36.923	ng/ul#	95
10) Bis(2-Chloroethyl)ether	7.063	93	126093	36.270	ng/ul	96
12) 2-Chlorophenol	7.181	128	134837	38.129	ng/ul	99
13) 2-Methylphenol	8.063	108	117021	35.590	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.134	45	144532m	34.856	ng/ul	
16) Acetophenone	8.446	105	191390	34.962	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.428	70	93574	36.203	ng/ul#	91
18) 4-Methylphenol	8.387	108	131767	37.181	ng/ul	97
19) Hexachloroethane	8.663	117	58416	37.558	ng/ul	96
22) Nitrobenzene	8.822	77	152264	38.698	ng/ul	99
23) Isophorone	9.340	82	265029	36.661	ng/ul	99
25) 2-Nitrophenol	9.522	139	74450	39.627	ng/ul	89
26) 2,4-Dimethylphenol	9.581	107	125498	34.647	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.828	93	159618	37.245	ng/ul	99
29) 2,4-Dichlorophenol	10.046	162	122814	39.168	ng/ul	96
30) Naphthalene	10.440	128	409650	37.064	ng/ul	99
32) 4-Chloroaniline	10.569	127	148004	30.783	ng/ul	98
33) Hexachlorobutadiene	10.699	225	70802	36.317	ng/ul	91
34) Caprolactam	11.369	113	37051m	35.000	ng/ul	
35) 4-Chloro-3-methylphenol	11.698	107	117392	37.662	ng/ul	100

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/16/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.057	142	264262	36.619	ng/ul	98
37) 1-Methylnaphthalene	12.281	142	271800	37.219	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.428	216	133868	38.748	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	65883	31.502	ng/ul	95
41) 2,4,6-Trichlorophenol	12.687	196	89839	39.863	ng/ul	96
42) 2,4,5-Trichlorophenol	12.757	196	96748	38.961	ng/ul	98
43) 1,1'-Biphenyl	13.087	154	339995	38.114	ng/ul	98
44) 2-Chloronaphthalene	13.128	162	271006	37.393	ng/ul	99
45) 2-Nitroaniline	13.363	65	80621	40.299	ng/ul	94
47) Dimethylphthalate	13.739	163	327358	35.607	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	65684	36.451	ng/ul#	85
50) Acenaphthylene	13.981	152	439646	36.226	ng/ul	100
51) 3-Nitroaniline	14.198	138	68436	34.817	ng/ul	91
52) Acenaphthene	14.328	153	293311	36.219	ng/ul	99
53) 2,4-Dinitrophenol	14.416	184	32851	30.664	ng/ul	90
55) 4-Nitrophenol	14.510	109	56196	34.809	ng/ul#	86
56) Dibenzofuran	14.669	168	394640	35.612	ng/ul	99
57) 2,4-Dinitrotoluene	14.663	165	98306	36.446	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	14.898	232	80840	38.038	ng/ul	96
59) Diethylphthalate	15.110	149	325912	34.748	ng/ul	99
61) Fluorene	15.322	166	321470	34.419	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.322	204	146934	33.563	ng/ul	97
63) 4-Nitroaniline	15.375	138	65212	36.492	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.422	198	55687	35.368	ng/ul	100
67) N-Nitrosodiphenylamine	15.545	169	265984	39.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.216	248	92235	38.193	ng/ul	97
69) Hexachlorobenzene	16.316	284	116099	36.957	ng/ul	94
70) Atrazine	16.510	200	91814	37.315	ng/ul	99
71) Pentachlorophenol	16.675	266	69022	36.170	ng/ul	98
72) Phenanthrene	17.063	178	503983	37.769	ng/ul	99
74) Anthracene	17.157	178	510507	37.401	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.045	216	133638	42.760	ng/uL	99
76) Pentachlorobenzene	14.581	250	131939	39.678	ng/uL	99
77) Carbazole	17.439	167	487375	37.030	ng/ul	100
78) Di-n-butylphthalate	18.010	149	557189	37.539	ng/ul	100
80) Fluoranthene	19.092	202	589830	41.396	ng/ul	99
82) Pyrene	19.457	202	636632	41.405	ng/ul	99
83) Butylbenzylphthalate	20.380	149	255079	39.596	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.163	252	182420	33.440	ng/ul	99
85) Benzo(a)anthracene	21.215	228	621998	37.364	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.163	149	357453	35.498	ng/ul	98
87) Chrysene	21.268	228	587978	37.889	ng/ul	100
89) Di-n-octyl phthalate	22.045	149	628923	33.508	ng/ul	100
90) Benzo(b)fluoranthene	22.786	252	685027	39.399	ng/ul	99
91) Benzo(k)fluoranthene	22.833	252	662325	37.846	ng/ul	99
93) Benzo(a)pyrene	23.357	252	586944	34.686	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.674	276	878521	40.079	ng/ul	99
95) Dibenzo(a,h)anthracene	25.692	278	721194	39.353	ng/ul	97
96) Benzo(g,h,i)perylene	26.350	276	681880	39.433	ng/ul	99

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

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