Quantitation Report (Qedit)

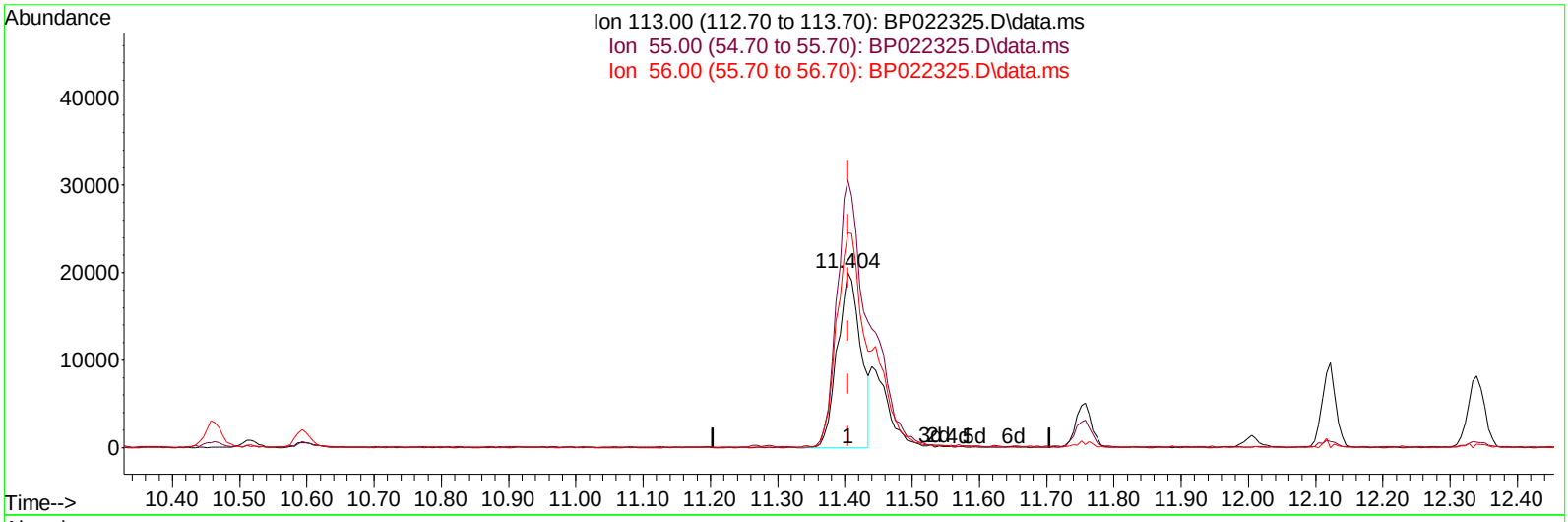
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022325.D
Acq On : 10 Oct 2024 16:12
Operator : RC/JU
Sample : PB163718BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

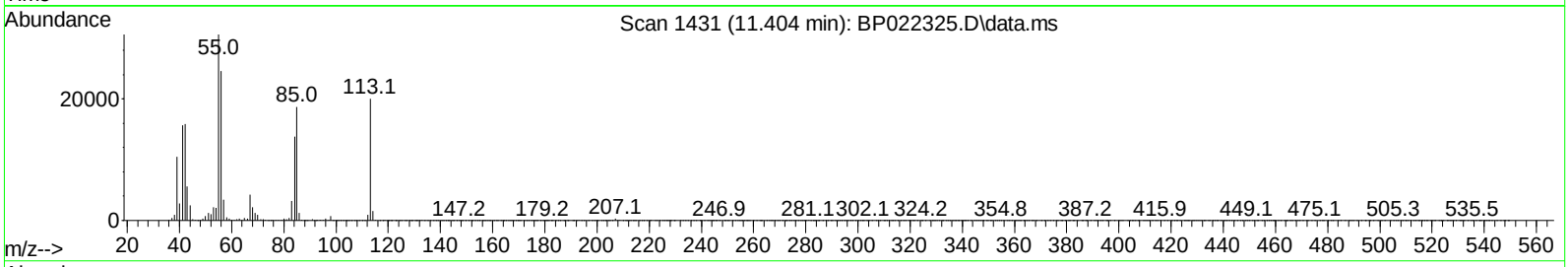
Quant Time: Oct 11 02:25:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 08 02:14:47 2024
Response via : Initial Calibration

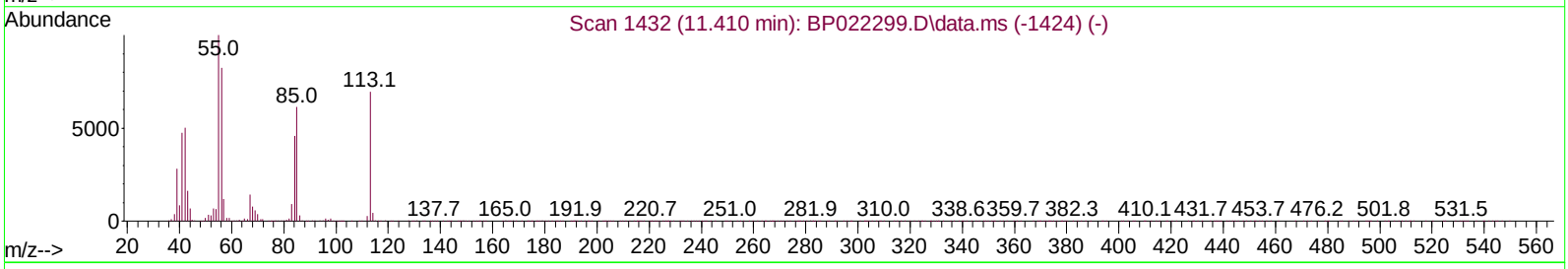
Instrument :
BNA_P
ClientSampleId :
SLCS718

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2024
Supervised By :mohammad ahmed 10/11/2024







TIC: BP022325.D\data.ms

(34) Caprolactam

11.404min (-0.000) 18.48 ng/ul

response 48067

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	152.74
56.00	130.00	122.61
0.00	0.00	0.00

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Misc :
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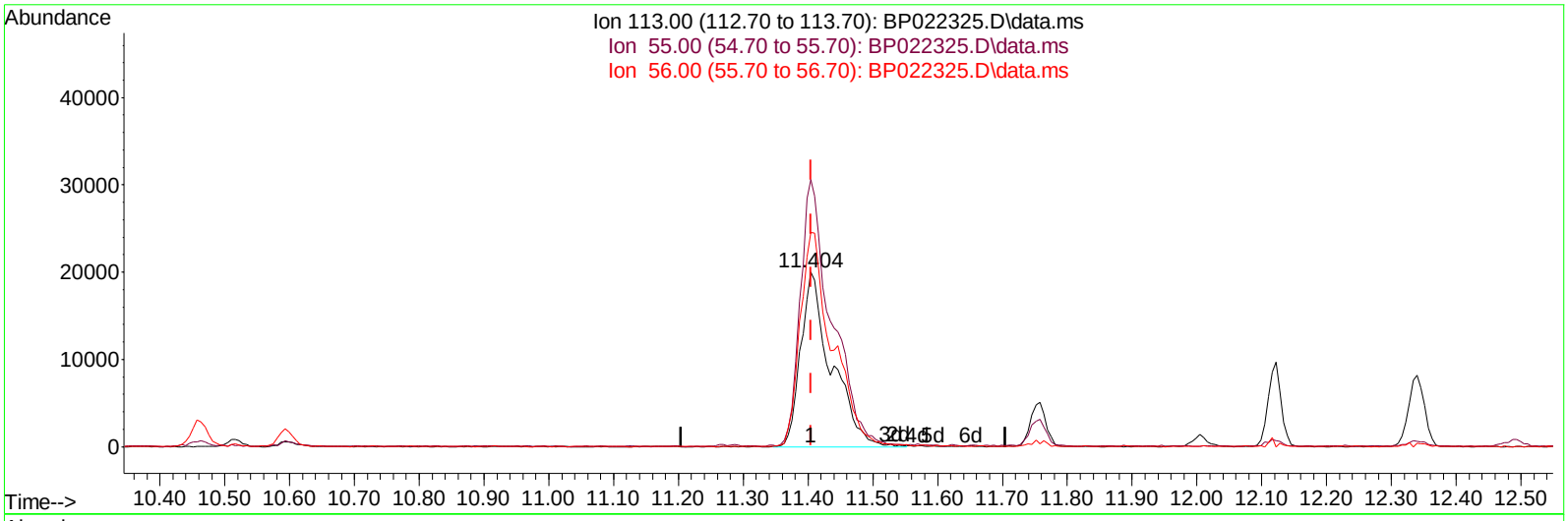

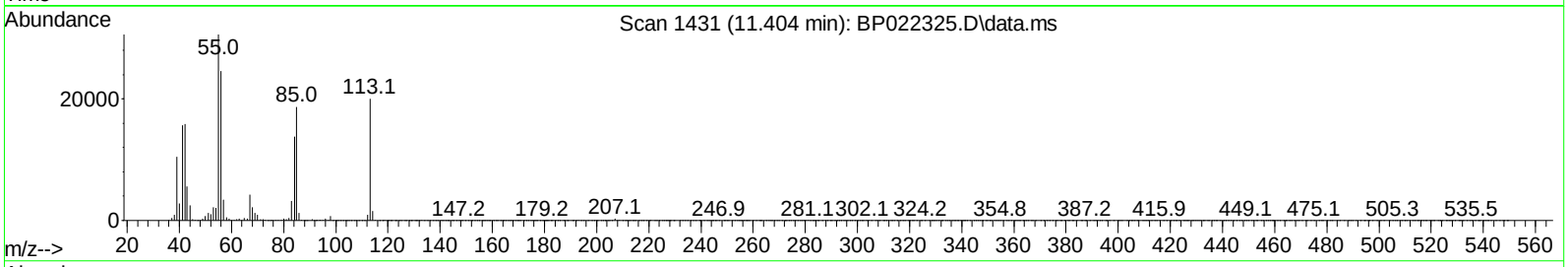

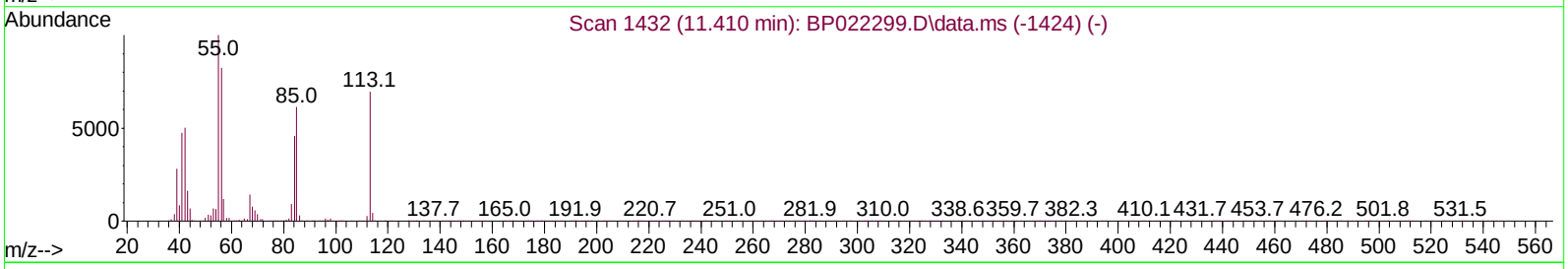

TIC: BP022325.D\data.ms

(34) Caprolactam

11.404min (-0.000) 25.35 ng/ul m

response 65928

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.70	152.74
56.00	130.00	122.61
0.00	0.00	0.00

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ALS Vial : 45 Sample Multiplier: 1

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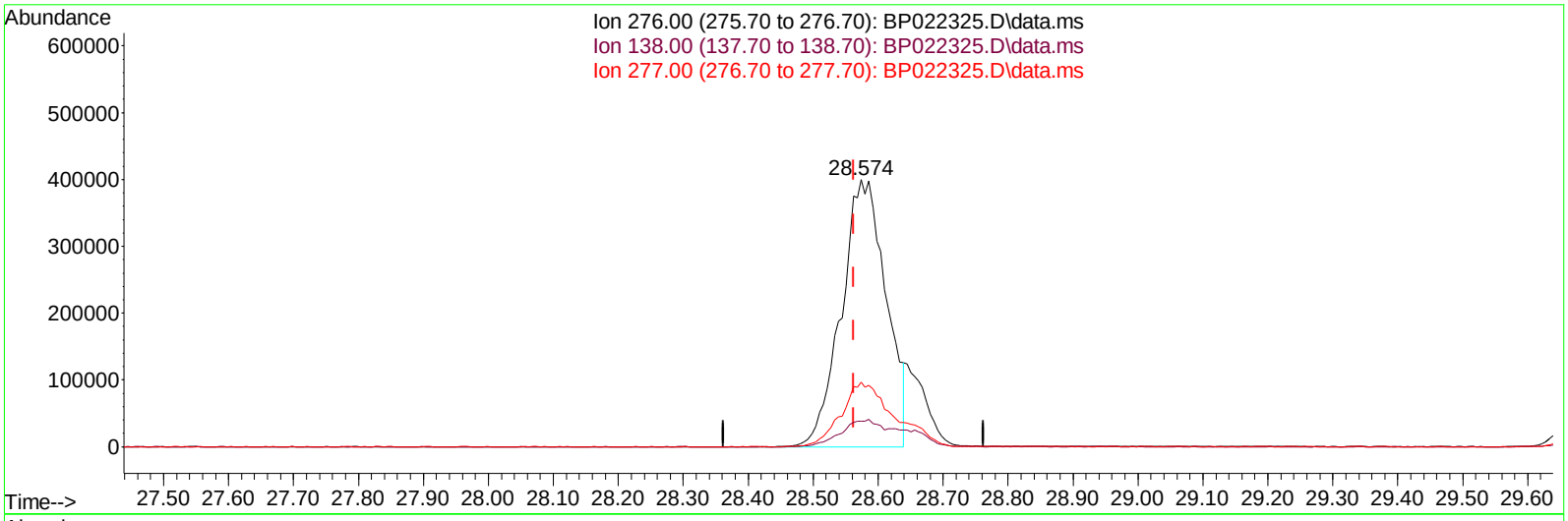

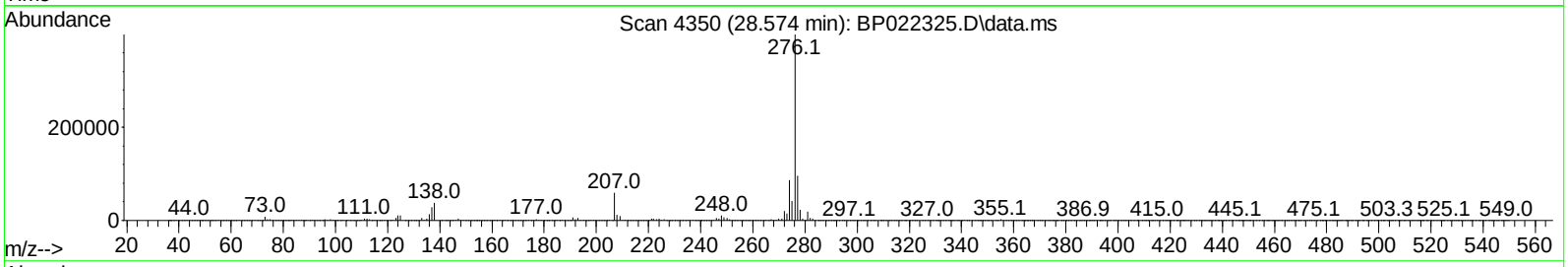

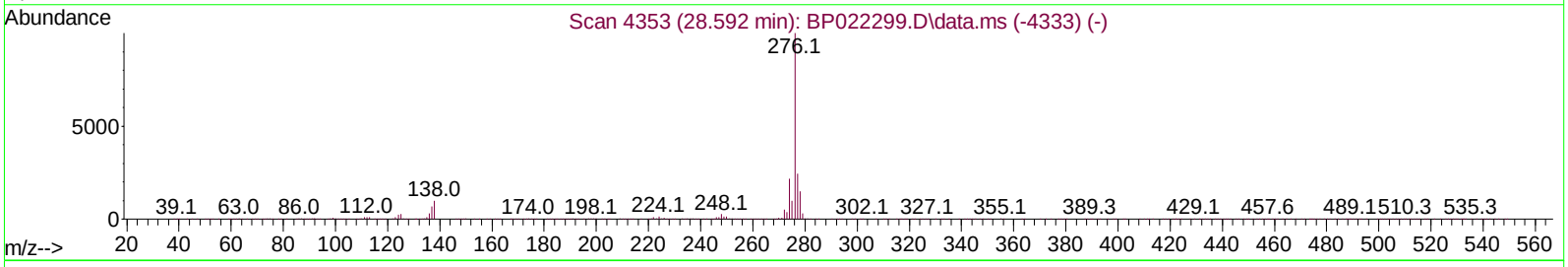

TIC: BP022325.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.574min (+ 0.012) 22.96 ng/ul

response 1909043

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.58
277.00	23.20	24.17
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
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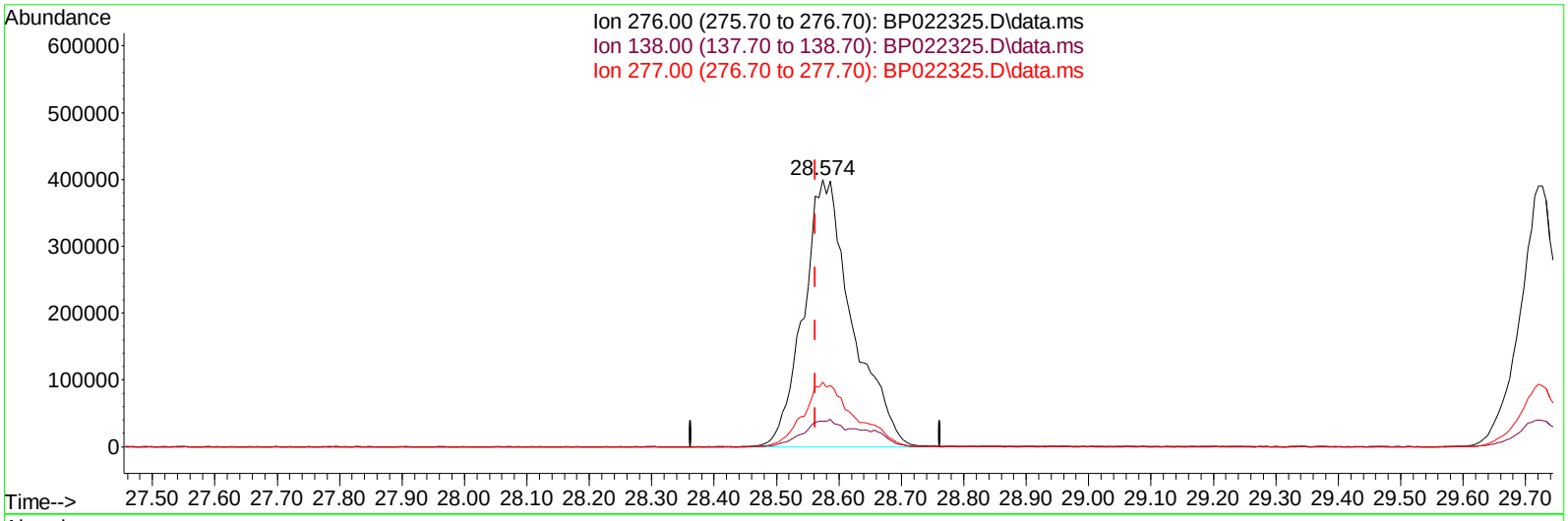

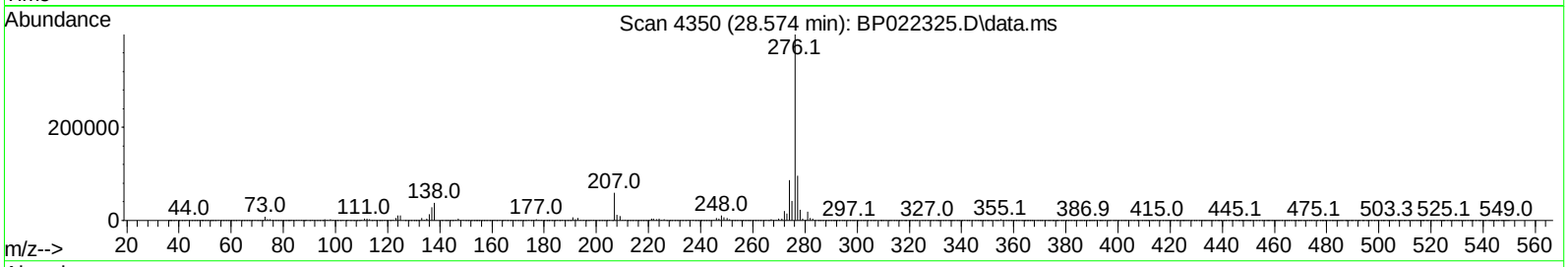

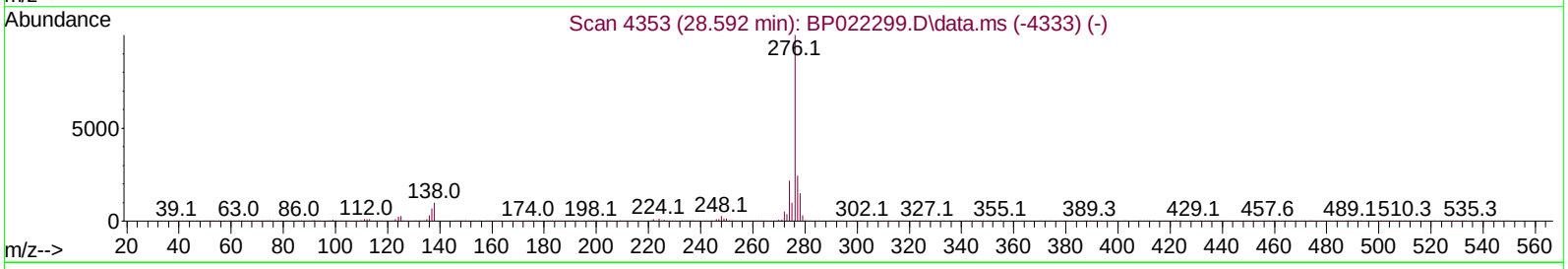

TIC: BP022325.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.574min (+ 0.012) 26.13 ng/ul m

response 2172629

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	11.40	9.58
277.00	23.20	24.17
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	110987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.463	136	432940	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	344042	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	861553	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	916440	20.000	ng/ul	0.00
88) Perylene-d12	24.833	264	1075589	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	12856	4.501	ng/uL	0.00
4) Pyridine-d5	3.634	84	185596	23.671	ng/ul	0.00
7) Phenol-d5	6.893	99	249946	26.753	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	141662	25.799	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	185901	28.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	200261	26.860	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	91969	27.628	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	113166	29.363	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	231668	28.283	ng/ul	0.00
31) 4-Chloroaniline-d4	10.593	131	245064	25.319	ng/ul	0.00
46) Dimethylphthalate-d6	13.710	166	703686	25.743	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	784440	27.019	ng/ul	0.00
54) 4-Nitrophenol-d4	14.545	143	125351	27.335	ng/ul	0.02
60) Fluorene-d10	15.328	176	639996	26.993	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.451	200	145278	25.639	ng/ul	0.00
73) Anthracene-d10	17.216	188	1073690	26.492	ng/ul	0.00
81) Pyrene-d10	19.592	212	1391361	28.710	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.616	264	1607296	27.981	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	27124	8.833	ng/uL	95
5) Pyridine	3.652	79	186698	23.223	ng/ul	96
6) Benzaldehyde	6.858	77	136711	27.078	ng/ul	99
8) Phenol	6.916	94	255512	26.287	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	189536	26.055	ng/ul	99
12) 2-Chlorophenol	7.275	128	185314	27.033	ng/ul	97
13) 2-Methylphenol	8.140	108	187207	26.539	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	213987	25.310	ng/ul	99
16) Acetophenone	8.510	105	318303	25.859	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.499	70	163170	26.165	ng/ul	97
18) 4-Methylphenol	8.469	108	207068	26.460	ng/ul	94
19) Hexachloroethane	8.763	117	85362	26.738	ng/ul	99
22) Nitrobenzene	8.887	77	257128	25.877	ng/ul	98
23) Isophorone	9.405	82	460027	25.821	ng/ul	99
25) 2-Nitrophenol	9.587	139	114260	27.509	ng/ul	99
26) 2,4-Dimethylphenol	9.652	107	203727	22.566	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.881	93	257380	25.443	ng/ul	98
29) 2,4-Dichlorophenol	10.122	162	223887	27.756	ng/ul	98
30) Naphthalene	10.510	128	607455	26.343	ng/ul	99
32) 4-Chloroaniline	10.616	127	202358	21.180	ng/ul	99
33) Hexachlorobutadiene	10.793	225	176029	25.892	ng/ul	98
34) Caprolactam	11.404	113	65928m	25.352	ng/ul	
35) 4-Chloro-3-methylphenol	11.751	107	243015	27.612	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/11/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.122	142	447031	26.410	ng/ul	96
37) 1-Methylnaphthalene	12.340	142	451603	26.139	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.493	216	337807	26.555	ng/ul	96
40) Hexachlorocyclopentadiene	12.469	237	126419	16.311	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	212642	26.574	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	235716	27.665	ng/ul	96
43) 1,1'-Biphenyl	13.140	154	643777	25.961	ng/ul	100
44) 2-Chloronaphthalene	13.181	162	531459	26.180	ng/ul	98
45) 2-Nitroaniline	13.387	65	165641	27.326	ng/ul	94
47) Dimethylphthalate	13.763	163	690866	25.364	ng/ul	100
48) 2,6-Dinitrotoluene	13.898	165	145941	28.327	ng/ul	91
50) Acenaphthylene	14.028	152	802894	26.646	ng/ul	98
51) 3-Nitroaniline	14.228	138	136536	28.216	ng/ul	98
52) Acenaphthene	14.381	153	558387	26.207	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	92187	24.320	ng/ul	95
55) 4-Nitrophenol	14.557	109	138741	27.260	ng/ul	98
56) Dibenzofuran	14.716	168	841094	26.280	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	230343	28.772	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.957	232	215285	27.070	ng/ul	98
59) Diethylphthalate	15.157	149	674109	25.796	ng/ul	97
61) Fluorene	15.381	166	691387	26.512	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.369	204	391255	26.236	ng/ul	98
63) 4-Nitroaniline	15.398	138	152945	31.411	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.469	198	154954	25.388	ng/ul	97
67) N-Nitrosodiphenylamine	15.604	169	602957	26.134	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	273144	26.290	ng/ul	97
69) Hexachlorobenzene	16.404	284	338415	26.462	ng/ul	99
70) Atrazine	16.575	200	169013	17.623	ng/ul	97
71) Pentachlorophenol	16.757	266	207850	25.277	ng/ul	96
72) Phenanthrene	17.157	178	1224810	26.572	ng/ul	100
74) Anthracene	17.251	178	1202305	26.138	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.098	216	332297	25.331	ng/uL	98
76) Pentachlorobenzene	14.645	250	360087	24.831	ng/uL	98
77) Carbazole	17.522	167	1076953	26.460	ng/ul	100
78) Di-n-butylphthalate	18.122	149	1174323	26.075	ng/ul	99
80) Fluoranthene	19.245	202	1596646	28.658	ng/ul	99
82) Pyrene	19.622	202	1687066	28.252	ng/ul	100
83) Butylbenzylphthalate	20.569	149	575772	27.694	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	596178	27.290	ng/ul	98
85) Benzo(a)anthracene	21.522	228	1730252	26.932	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	799442	26.789	ng/ul	99
87) Chrysene	21.592	228	1610105	27.028	ng/ul	100
89) Di-n-octyl phthalate	22.710	149	1395453	27.275	ng/ul	100
90) Benzo(b)fluoranthene	23.798	252	1837139	27.135	ng/ul	99
91) Benzo(k)fluoranthene	23.863	252	1799230	27.143	ng/ul	100
93) Benzo(a)pyrene	24.686	252	1612880	25.884	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.574	276	2172629m	26.128	ng/ul	
95) Dibenzo(a,h)anthracene	28.651	278	1730282	25.697	ng/ul	98
96) Benzo(g,h,i)perylene	29.727	276	1693955	26.191	ng/ul	99

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

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