Quantitation Report (Qedit)

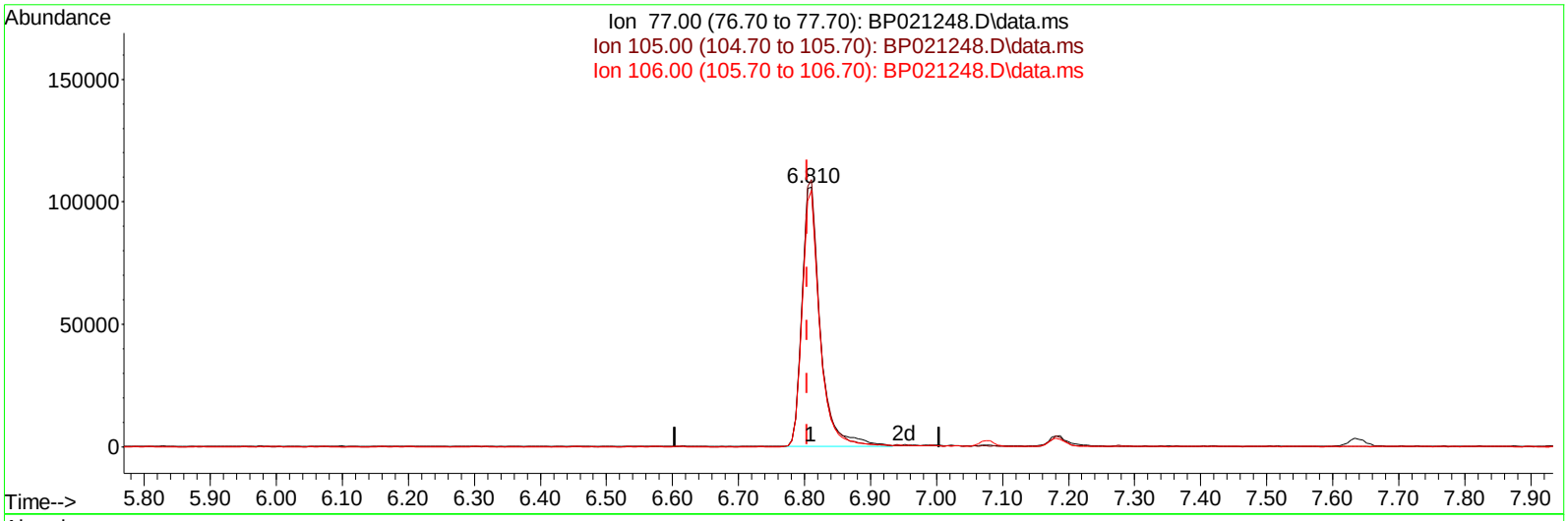
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072924\
Data File : BP021248.D
Acq On : 31 Jul 2024 00:18
Operator : MA/JU
Sample : PB162343BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

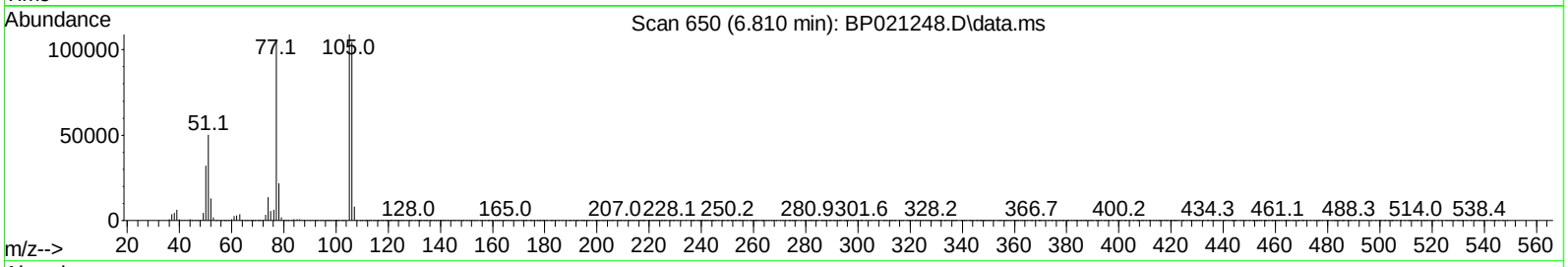
Quant Time: Jul 31 01:02:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 29 12:46:18 2024
Response via : Initial Calibration

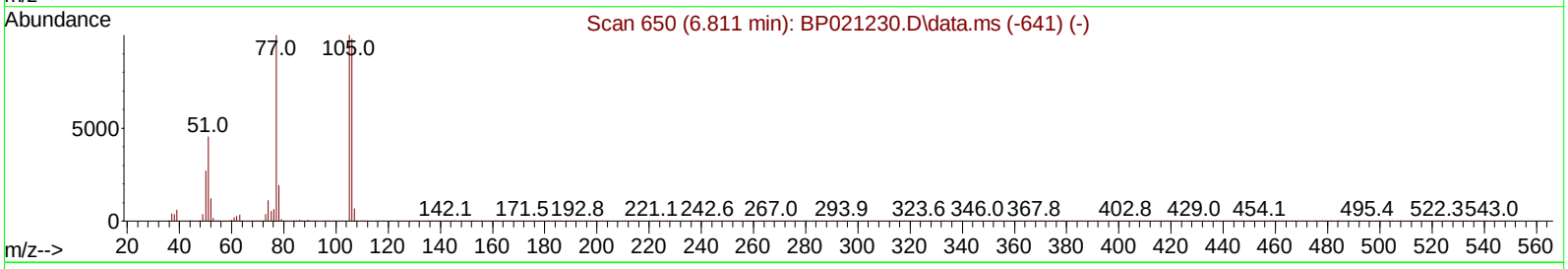
Instrument :
BNA_P
ClientSampleId :
SLCS343

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/31/2024
Supervised By :mohammad ahmed 09/04/2024







TIC: BP021248.D\data.ms

(6) Benzaldehyde

6.810min (+ 0.006) 29.35 ng/ul

response 204292

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	102.84
106.00	93.30	98.72
0.00	0.00	0.00

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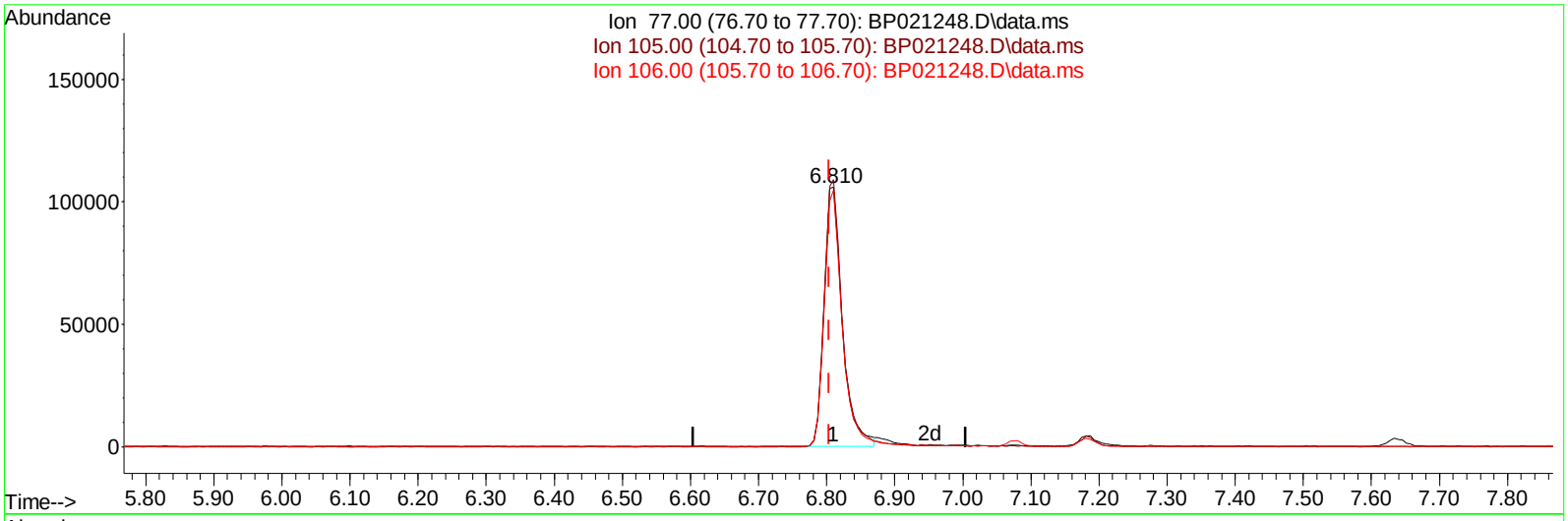

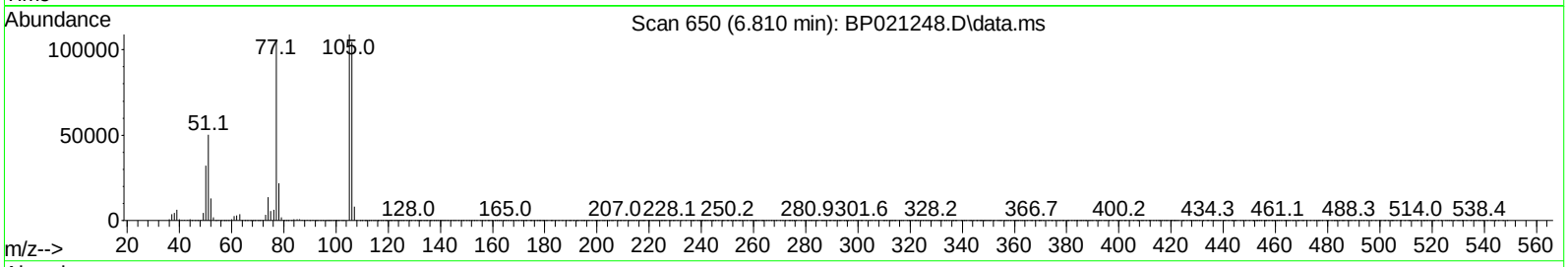

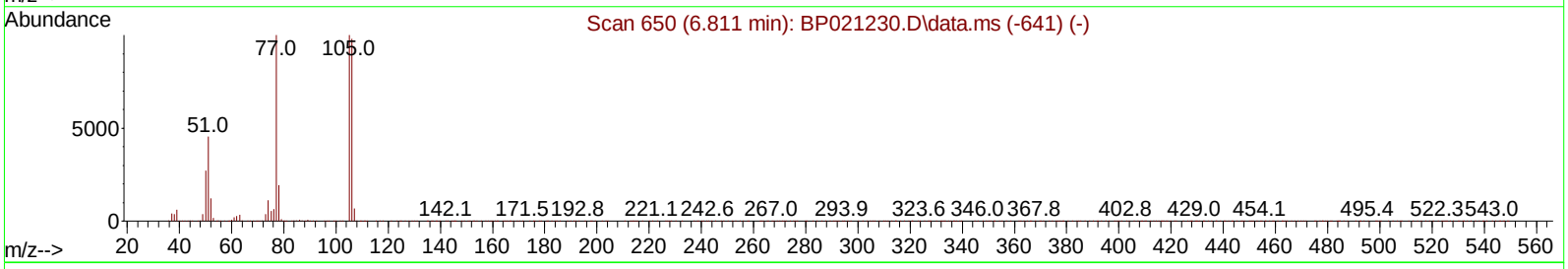

TIC: BP021248.D\data.ms

(6) Benzaldehyde

6.810min (+ 0.006) 28.51 ng/ul m

response 198430

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	99.10	102.84
106.00	93.30	98.72
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 31 Jul 2024 00:18
Operator : MA/JU
Sample : PB162343BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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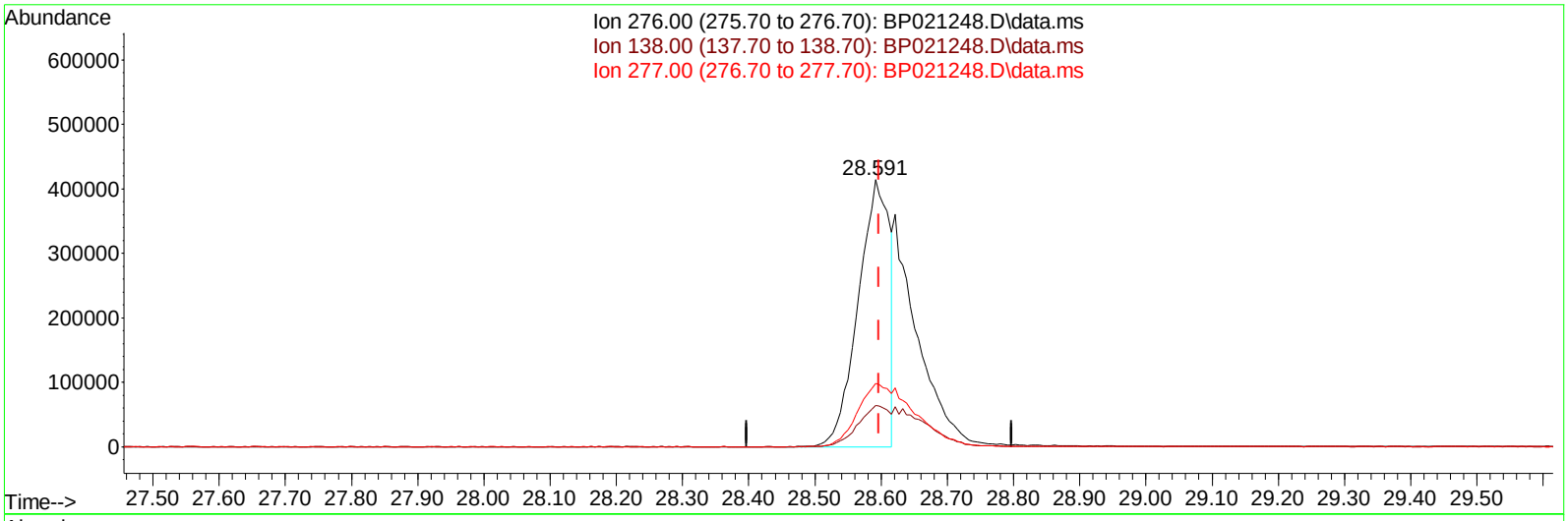

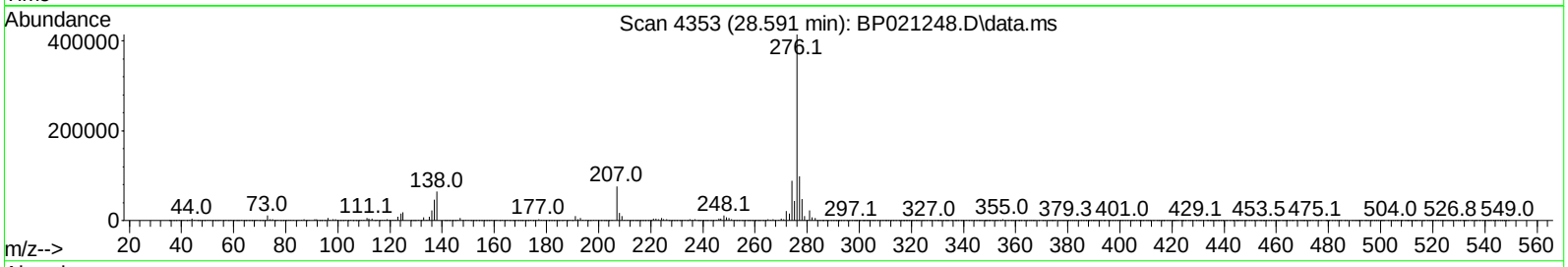

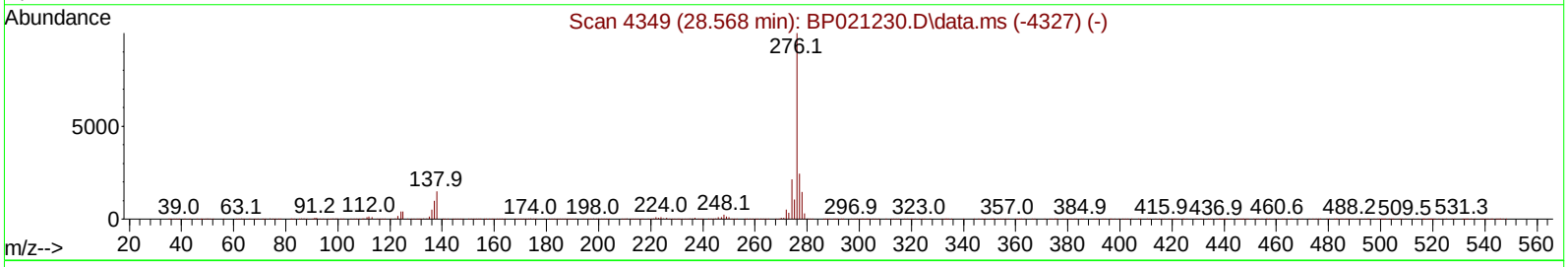

TIC: BP021248.D\data.ms

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

28.591min (-0.006) 16.82 ng/ul

response 1345704

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	15.48
277.00	24.00	23.79
0.00	0.00	0.00

Quantitation Report (Qedit)

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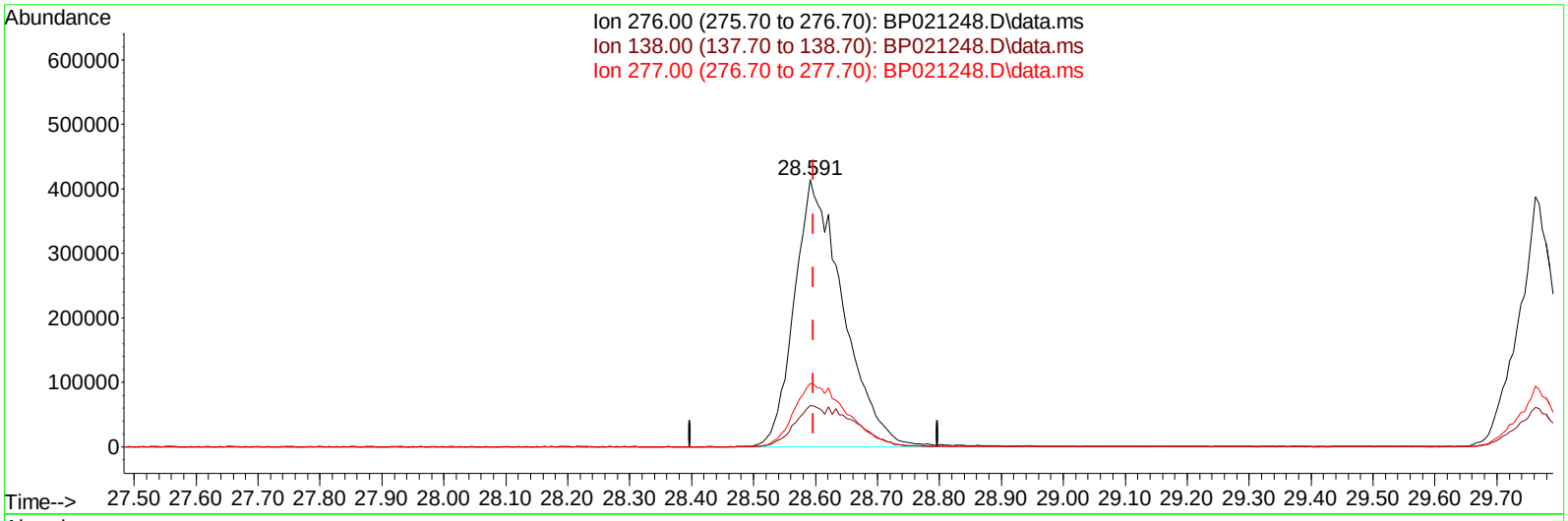

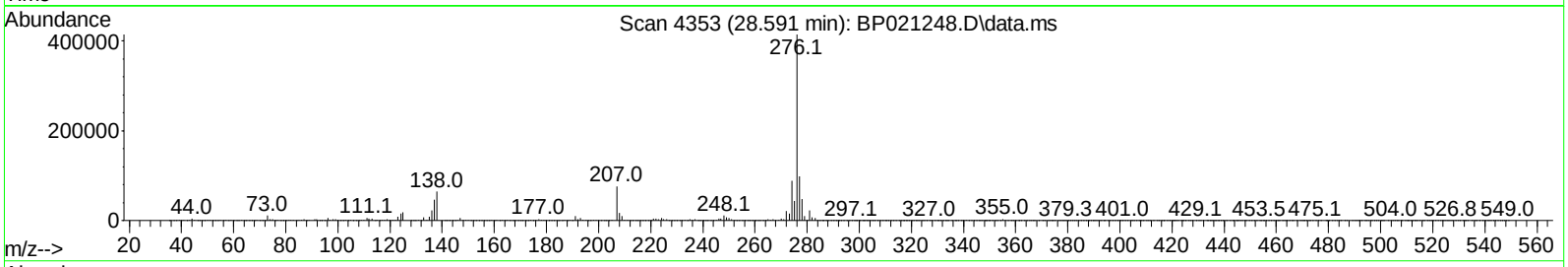

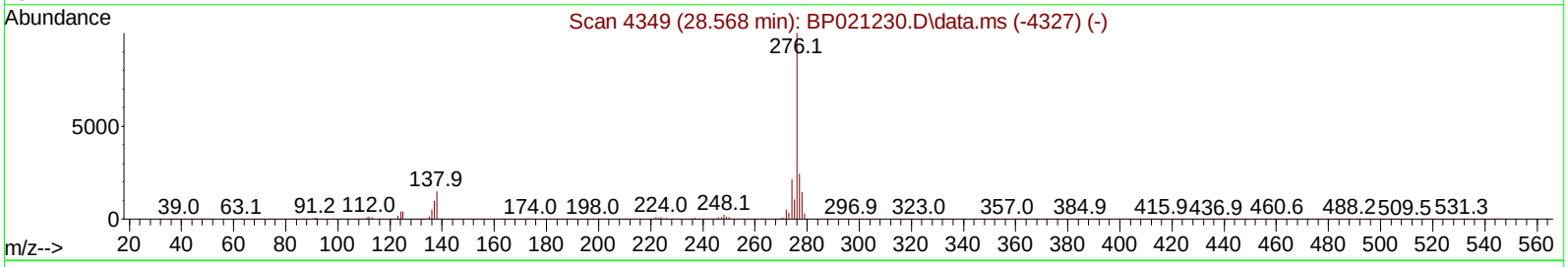

TIC: BP021248.D\data.ms

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

28.591min (-0.006) 28.32 ng/ul m

response 2265585

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.90	15.48
277.00	24.00	23.79
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/31/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.640	152	169362	20.000	ng/ul	0.00
20) Naphthalene-d8	10.392	136	672322	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	457978	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	1010878	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	1042527	20.000	ng/ul	# 0.00
88) Perylene-d12	24.839	264	1082555	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	23684	6.364	ng/uL	0.00
4) Pyridine-d5	3.593	84	261773	24.295	ng/ul	0.00
7) Phenol-d5	6.851	99	375934	27.227	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.987	67	212528	25.398	ng/ul	0.00
11) 2-Chlorophenol-d4	7.181	132	318793	28.023	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	309618	26.999	ng/ul	0.00
21) Nitrobenzene-d5	8.798	128	156551	29.979	ng/ul	0.00
24) 2-Nitrophenol-d4	9.504	143	182929	30.606	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.045	165	332823	30.795	ng/ul	0.00
31) 4-Chloroaniline-d4	10.563	131	375820	26.249	ng/ul	0.00
46) Dimethylphthalate-d6	13.692	166	1032731	31.020	ng/ul	0.01
49) Acenaphthylene-d8	13.963	160	1129436	30.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.580	143	191194	40.363	ng/ul	0.00
60) Fluorene-d10	15.298	176	877625	32.132	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.457	200	196114	32.064	ng/ul	0.00
73) Anthracene-d10	17.198	188	1382789	30.798	ng/ul	0.00
81) Pyrene-d10	19.580	212	1761487	27.330	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.609	264	1660218	31.095	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	39661	9.689	ng/uL	98
5) Pyridine	3.610	79	273381	24.599	ng/ul	98
6) Benzaldehyde	6.810	77	198430m	28.506	ng/ul	
8) Phenol	6.881	94	390259	27.932	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.075	93	299926	25.985	ng/ul	97
12) 2-Chlorophenol	7.216	128	329616	28.909	ng/ul	98
13) 2-Methylphenol	8.098	108	297537	27.536	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	389920	23.383	ng/ul#	93
16) Acetophenone	8.463	105	488256	27.586	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.440	70	236582	25.510	ng/ul	96
18) 4-Methylphenol	8.428	108	322189	27.832	ng/ul	94
19) Hexachloroethane	8.687	117	139002	27.129	ng/ul	90
22) Nitrobenzene	8.834	77	352844	28.207	ng/ul	98
23) Isophorone	9.351	82	674221	27.111	ng/ul	98
25) 2-Nitrophenol	9.534	139	192645	30.905	ng/ul	98
26) 2,4-Dimethylphenol	9.604	107	294416	23.952	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.822	93	411573	27.227	ng/ul	99
29) 2,4-Dichlorophenol	10.075	162	328051	30.799	ng/ul	99
30) Naphthalene	10.440	128	1027400	29.052	ng/ul	99
32) 4-Chloroaniline	10.587	127	355360	25.992	ng/ul	100
33) Hexachlorobutadiene	10.704	225	245821	30.780	ng/ul	99
34) Caprolactam	11.404	113	106804	32.551	ng/ul	89
35) 4-Chloro-3-methylphenol	11.739	107	358892	30.998	ng/ul	99

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SLCS343

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/31/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.069	142	720755	29.691	ng/ul	99
37) 1-Methylnaphthalene	12.286	142	716241	28.688	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.439	216	456697	30.706	ng/ul	98
40) Hexachlorocyclopentadiene	12.392	237	104660	13.452	ng/ul	99
41) 2,4,6-Trichlorophenol	12.710	196	257347	27.383	ng/ul	98
42) 2,4,5-Trichlorophenol	12.804	196	286569	28.820	ng/ul	99
43) 1,1'-Biphenyl	13.086	154	969576	28.969	ng/ul	100
44) 2-Chloronaphthalene	13.139	162	761300	28.492	ng/ul	99
45) 2-Nitroaniline	13.375	65	226197	30.612	ng/ul	98
47) Dimethylphthalate	13.739	163	1027269	30.410	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	213403	31.598	ng/ul	93
50) Acenaphthylene	13.992	152	1229788	29.055	ng/ul	99
51) 3-Nitroaniline	14.222	138	206297	35.102	ng/ul	94
52) Acenaphthene	14.339	153	813183	28.946	ng/ul	100
53) 2,4-Dinitrophenol	14.457	184	109741	30.941	ng/ul	95
55) 4-Nitrophenol	14.592	109	138582	35.966	ng/ul	85
56) Dibenzofuran	14.686	168	1165670	30.301	ng/ul	97
57) 2,4-Dinitrotoluene	14.704	165	319481	34.460	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.939	232	223963	26.303	ng/ul	94
59) Diethylphthalate	15.116	149	1037725	30.738	ng/ul	99
61) Fluorene	15.351	166	963232	30.683	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.339	204	523776	30.748	ng/ul	97
63) 4-Nitroaniline	15.416	138	209366	43.017	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	204661	31.553	ng/ul	97
67) N-Nitrosodiphenylamine	15.569	169	842455	28.619	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	354694	29.935	ng/ul	97
69) Hexachlorobenzene	16.380	284	431708	31.777	ng/ul	96
70) Atrazine	16.563	200	30792	2.870	ng/ul	97
71) Pentachlorophenol	16.757	266	165120	22.378	ng/ul	96
72) Phenanthrene	17.139	178	1595060	30.417	ng/ul	100
74) Anthracene	17.233	178	1596068	29.855	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.057	216	455587	28.158	ng/uL	99
76) Pentachlorobenzene	14.604	250	464692	28.904	ng/uL	99
77) Carbazole	17.533	167	1436235	32.864	ng/ul	99
78) Di-n-butylphthalate	18.092	149	1859988	30.848	ng/ul	100
80) Fluoranthene	19.233	202	2012699	25.858	ng/ul	98
82) Pyrene	19.615	202	2102301	26.542	ng/ul	98
83) Butylbenzylphthalate	20.551	149	909289	27.554	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.445	252	732526	30.750	ng/ul	99
85) Benzo(a)anthracene	21.521	228	2166612	29.668	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.427	149	1284004	27.037	ng/ul	98
87) Chrysene	21.586	228	2064919	30.429	ng/ul	100
89) Di-n-octyl phthalate	22.668	149	2251451	31.483	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2077755	31.627	ng/ul	98
91) Benzo(k)fluoranthene	23.862	252	2084369	31.792	ng/ul#	98
93) Benzo(a)pyrene	24.674	252	1729532	27.860	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.591	276	2265585m	28.321	ng/ul	
95) Dibenzo(a,h)anthracene	28.656	278	1841640	27.801	ng/ul	99
96) Benzo(g,h,i)perylene	29.762	276	1759165	27.002	ng/ul	95

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

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