Quantitation Report (Qedit)

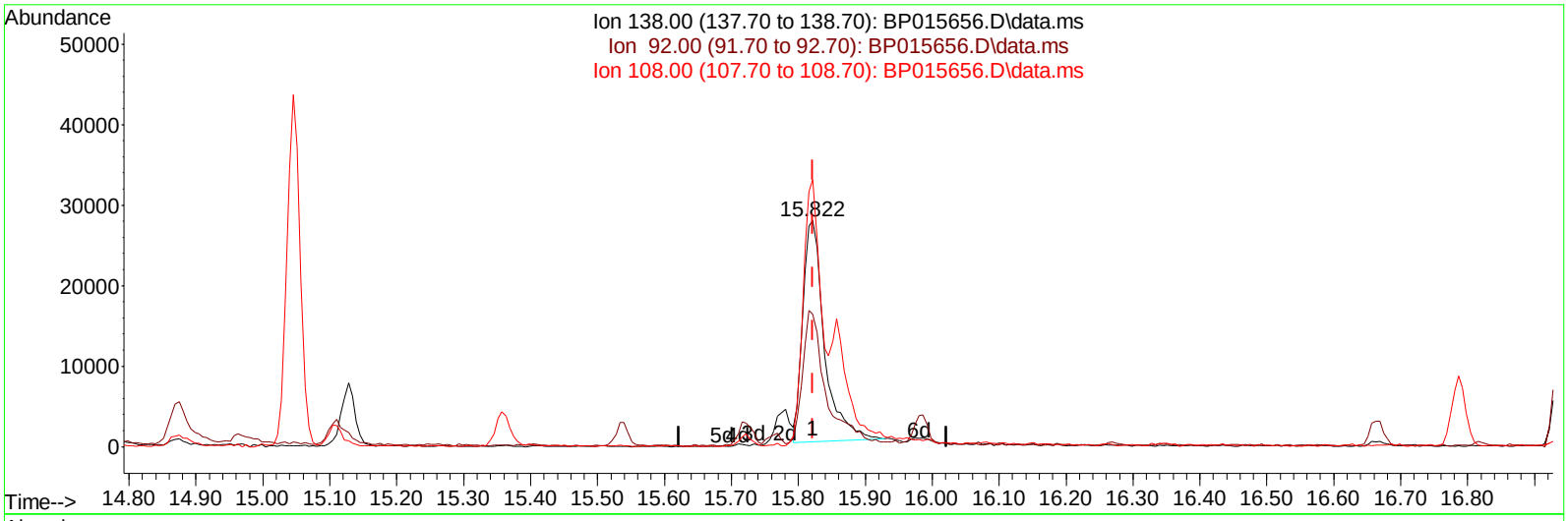
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
Data File : BP015656.D
Acq On : 22 Jun 2023 20:11
Operator : MA/JU
Sample : 03083-21MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

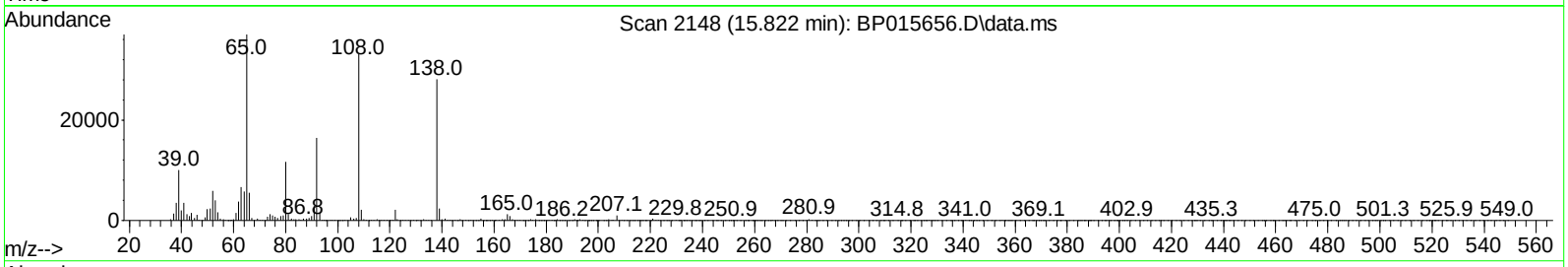
Quant Time: Jun 22 22:07:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration

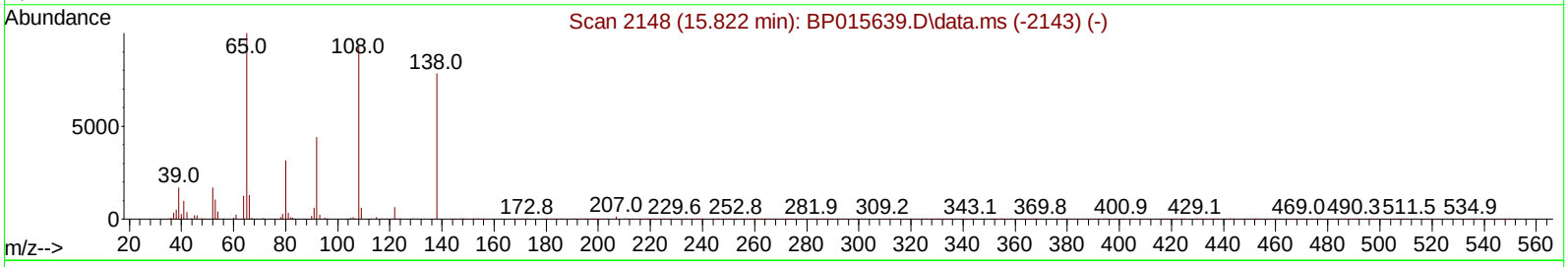
Instrument :
BNA_P
ClientSampleId :
DCFQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/23/2023
Supervised By :mohammad ahmed 06/23/2023







TIC: BP015656.D\data.ms

(63) 4-Nitroaniline

15.822min (+ 0.000) 18.74 ng/ul

response 61641

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.80	58.67
108.00	98.00	118.00#
0.00	0.00	0.00

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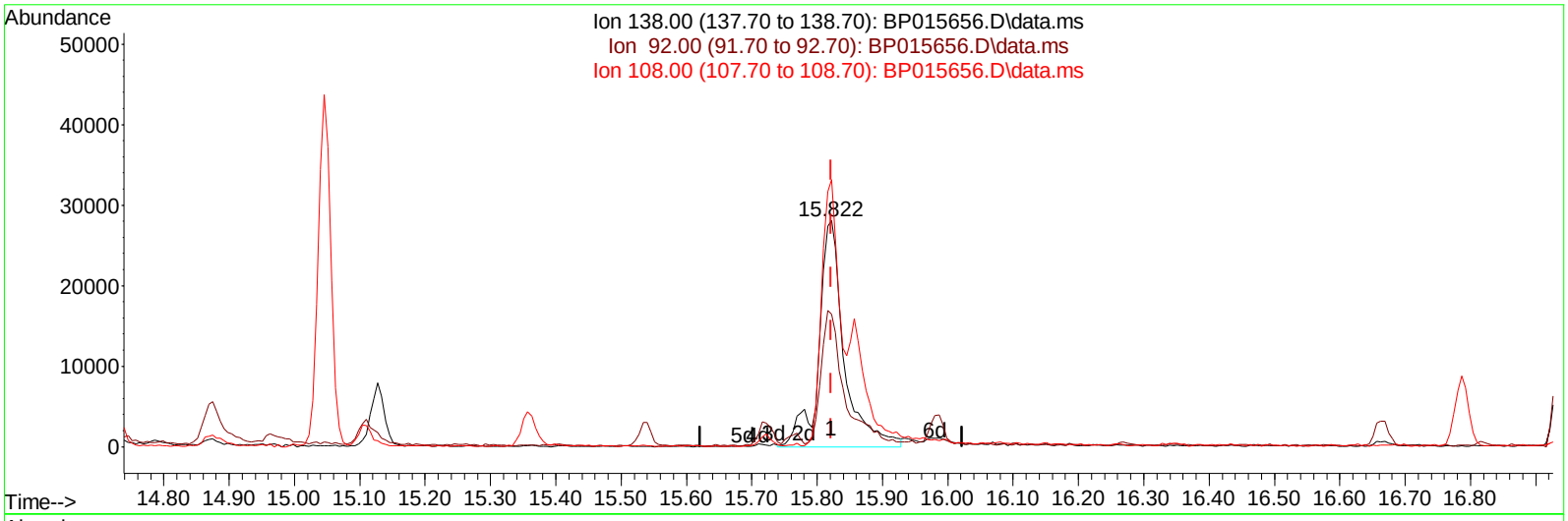

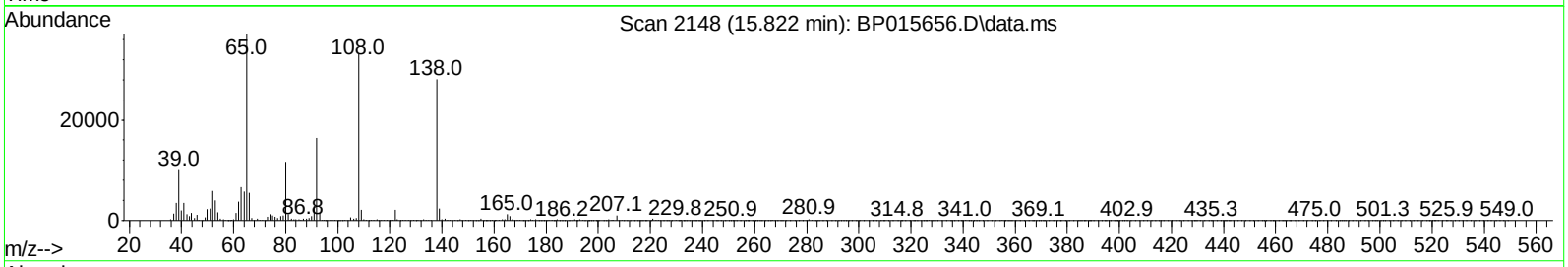

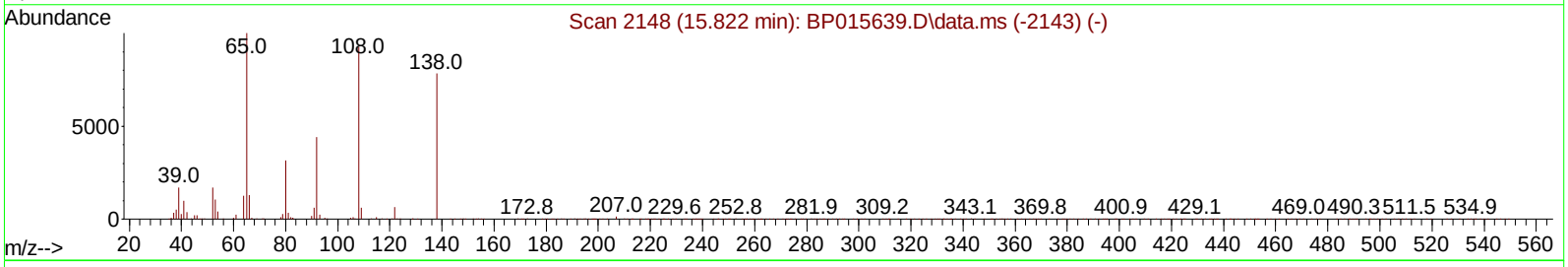

TIC: BP015656.D\data.ms

(63) 4-Nitroaniline

15.822min (+ 0.000) 22.88 ng/ul m

response 75272

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	55.80	58.67
108.00	98.00	118.00#
0.00	0.00	0.00

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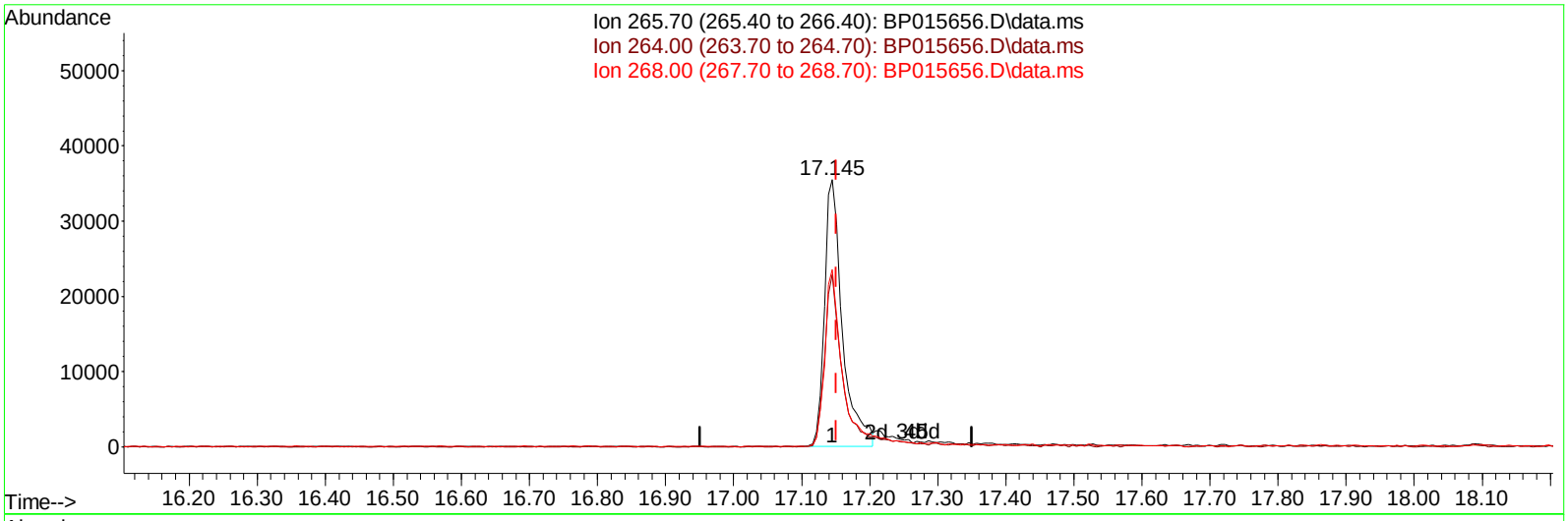

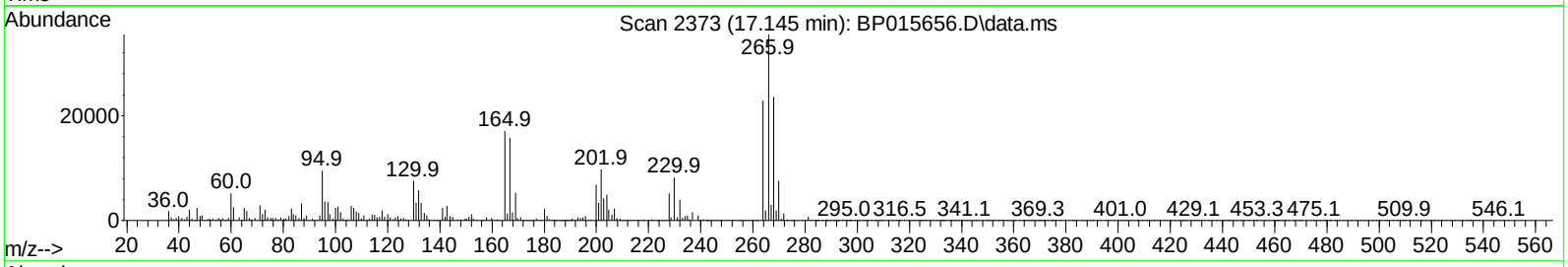

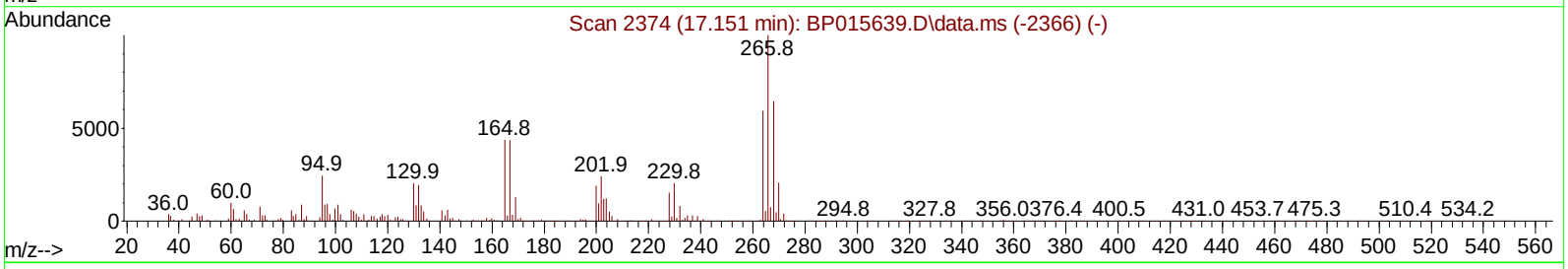

TIC: BP015656.D\data.ms

(71) Pentachlorophenol (C)

17.145min (-0.006) 20.31 ng/ul

response 64809

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	64.43
268.00	63.80	66.32
0.00	0.00	0.00

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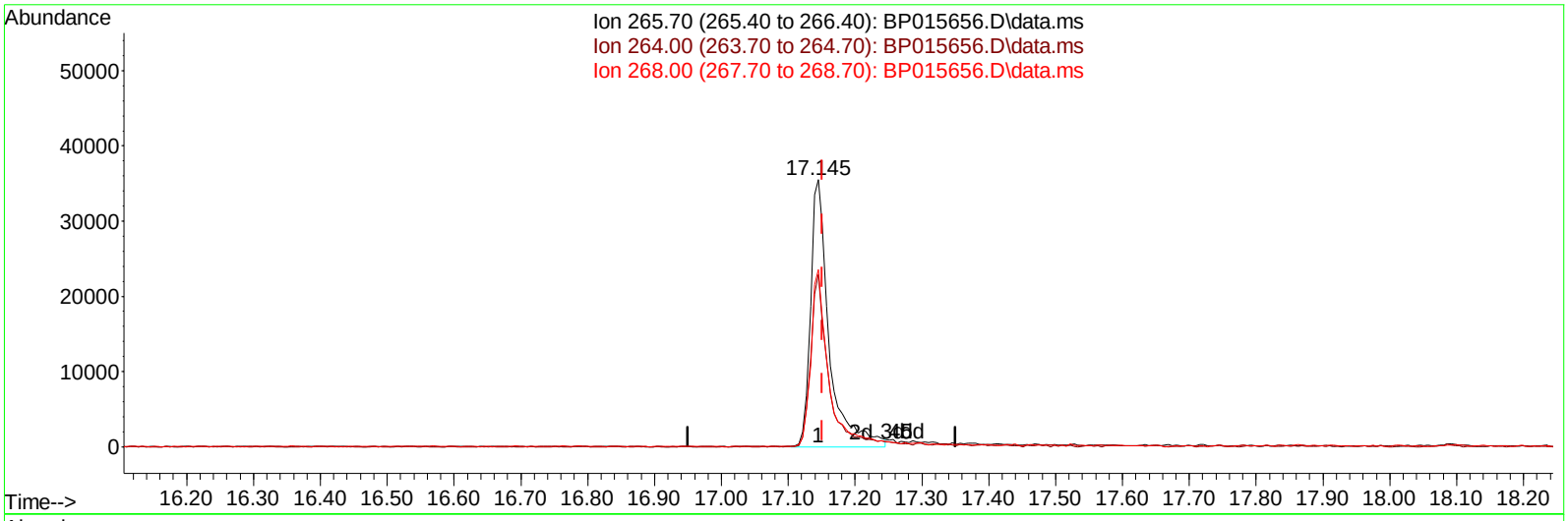

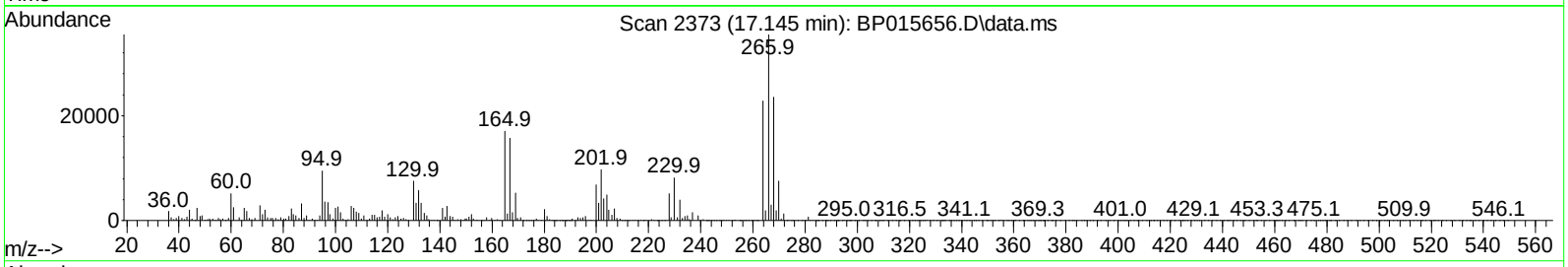

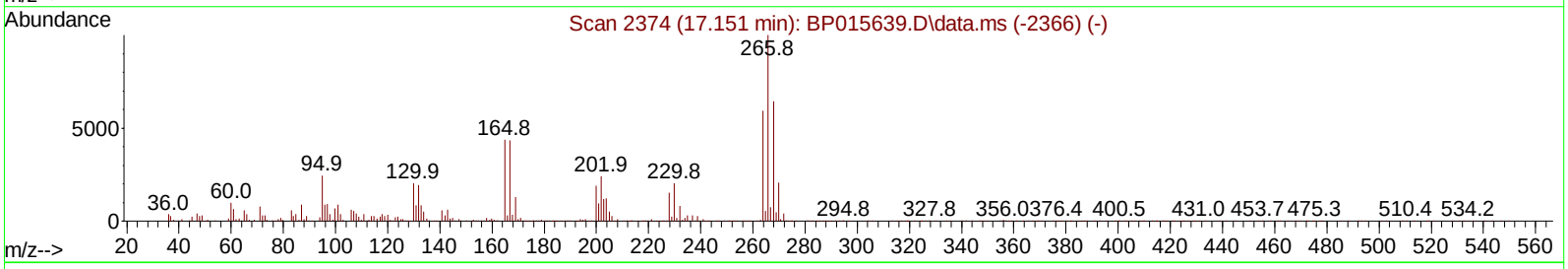

TIC: BP015656.D\data.ms

(71) Pentachlorophenol (C)

17.145min (-0.006) 21.48 ng/ul m

response 68545

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.00	64.43
268.00	63.80	66.32
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/23/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	119980	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	479119	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	251823	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	447445	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	418101	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	539267	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11964	3.693	ng/uL	0.00
4) Pyridine-d5	3.846	84	108373	12.877	ng/ul	0.00
7) Phenol-d5	7.240	99	233636	21.137	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	149322	22.620	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	192292	23.995	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	176429	19.448	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	97672	25.966	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	109134	25.406	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	194894	24.872	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	159091	14.144	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	529171	26.648	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	599609	27.614	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	56713	15.948	ng/ul	0.00
60) Fluorene-d10	15.722	176	409459	24.452	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	64371	22.709	ng/ul	0.00
73) Anthracene-d10	17.586	188	537794	26.417	ng/ul	0.00
81) Pyrene-d10	19.816	212	627414	28.038	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	762114	28.166	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.434	88	29551	8.634	ng/uL	89
5) Pyridine	3.864	79	125115	14.340	ng/ul	95
6) Benzaldehyde	7.216	77	168433	39.867	ng/ul	95
8) Phenol	7.269	94	268485	23.544	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.493	93	205320	22.773	ng/ul	99
12) 2-Chlorophenol	7.640	128	199585	23.572	ng/ul	98
13) 2-Methylphenol	8.534	108	180088	20.525	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.610	45	271550	22.728	ng/ul	97
16) Acetophenone	8.916	105	374627	25.877	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.893	70	174276	22.304	ng/ul	95
18) 4-Methylphenol	8.863	108	199057	20.620	ng/ul	98
19) Hexachloroethane	9.163	117	92593	25.878	ng/ul	98
22) Nitrobenzene	9.304	77	261883	26.253	ng/ul	99
23) Isophorone	9.828	82	482253	24.150	ng/ul	99
25) 2-Nitrophenol	10.022	139	115799	24.968	ng/ul	98
26) 2,4-Dimethylphenol	10.075	107	91046	9.257	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.310	93	277430	23.896	ng/ul	98
29) 2,4-Dichlorophenol	10.557	162	194942	25.021	ng/ul	99
30) Naphthalene	10.957	128	655627	25.253	ng/ul	100
32) 4-Chloroaniline	11.081	127	161353	13.864	ng/ul	100
33) Hexachlorobutadiene	11.228	225	149089	28.375	ng/ul	98
34) Caprolactam	11.869	113	48010	16.370	ng/ul	97
35) 4-Chloro-3-methylphenol	12.198	107	207466	21.978	ng/ul	97

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DCFQ6MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/23/2023
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.557	142	427002	23.395 ng/ul	99
37) 1-Methylnaphthalene	12.775	142	429756	23.386 ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.922	216	242351	30.906 ng/ul	99
40) Hexachlorocyclopentadiene	12.893	237	54873	17.071 ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	142953	27.390 ng/ul	97
42) 2,4,5-Trichlorophenol	13.245	196	153385	26.970 ng/ul	99
43) 1,1'-Biphenyl	13.563	154	558094	28.658 ng/ul	99
44) 2-Chloronaphthalene	13.610	162	435470	28.501 ng/ul	100
45) 2-Nitroaniline	13.822	65	133214	27.242 ng/ul	95
47) Dimethylphthalate	14.181	163	529256	25.814 ng/ul	99
48) 2,6-Dinitrotoluene	14.310	165	105455	25.105 ng/ul	93
50) Acenaphthylene	14.451	152	659789	27.439 ng/ul	99
51) 3-Nitroaniline	14.651	138	82306	23.735 ng/ul	97
52) Acenaphthene	14.792	153	438163	26.361 ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	40979	16.217 ng/ul	98
55) 4-Nitrophenol	14.969	109	62126	18.112 ng/ul	89
56) Dibenzofuran	15.128	168	599471	25.446 ng/ul	97
57) 2,4-Dinitrotoluene	15.110	165	140305	22.710 ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.357	232	109301	21.285 ng/ul#	95
59) Diethylphthalate	15.539	149	505791	24.070 ng/ul	99
61) Fluorene	15.781	166	469128	24.428 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.763	204	243065	25.113 ng/ul	95
63) 4-Nitroaniline	15.822	138	75272m	22.885 ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	65611	22.695 ng/ul#	87
67) N-Nitrosodiphenylamine	15.986	169	380421	29.969 ng/ul	98
68) 4-Bromophenyl-phenylether	16.669	248	148673	31.058 ng/ul	99
69) Hexachlorobenzene	16.786	284	166179	29.430 ng/ul	97
70) Atrazine	16.939	200	120818	23.834 ng/ul	99
71) Pentachlorophenol	17.145	266	68545m	21.477 ng/ul	
72) Phenanthrene	17.533	178	695323	28.958 ng/ul	100
74) Anthracene	17.622	178	640132	26.275 ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.528	216	235483	38.133 ng/uL	100
76) Pentachlorobenzene	15.045	250	221778	34.301 ng/uL	99
77) Carbazole	17.898	167	563704	25.696 ng/ul	100
78) Di-n-butylphthalate	18.422	149	749620	26.933 ng/ul	100
80) Fluoranthene	19.492	202	872620	32.013 ng/ul	96
82) Pyrene	19.845	202	882245	31.285 ng/ul	97
83) Butylbenzylphthalate	20.698	149	347699	27.896 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	131784	13.342 ng/ul	98
85) Benzo(a)anthracene	21.563	228	889218	30.423 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.451	149	534127	28.992 ng/ul	100
87) Chrysene	21.621	228	856336	30.996 ng/ul	99
89) Di-n-octyl phthalate	22.421	149	943975	26.634 ng/ul	100
90) Benzo(b)fluoranthene	23.345	252	1094428	31.440 ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	926901	27.546 ng/ul	99
93) Benzo(a)pyrene	24.021	252	892741	29.416 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.845	276	1252845	31.898 ng/ul	98
95) Dibenzo(a,h)anthracene	26.856	278	976745	30.524 ng/ul	99
96) Benzo(g,h,i)perylene	27.680	276	969487	29.952 ng/ul	97

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

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