Quantitation Report (Qedit)

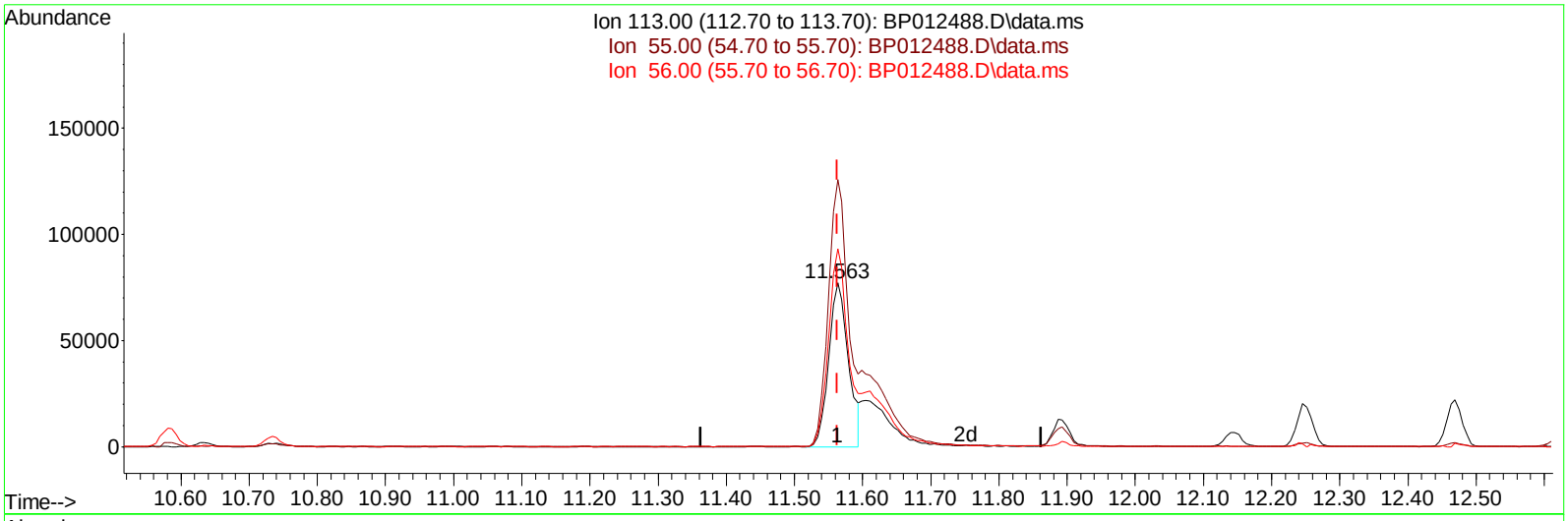
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
Data File : BP012488.D
Acq On : 03 Nov 2022 13:43
Operator : CG/JU
Sample : PB148509BS
Misc :
ALS Vial : 43 Sample Multiplier: 1

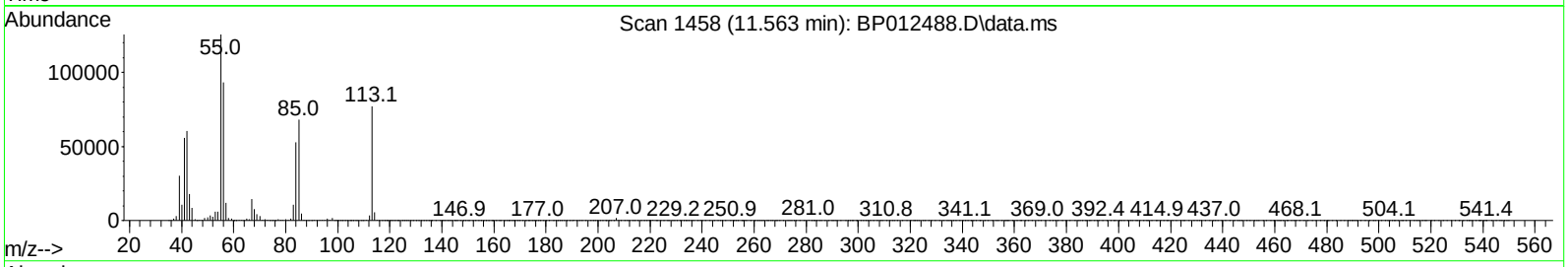
Quant Time: Nov 03 23:01:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 03 00:09:04 2022
Response via : Initial Calibration

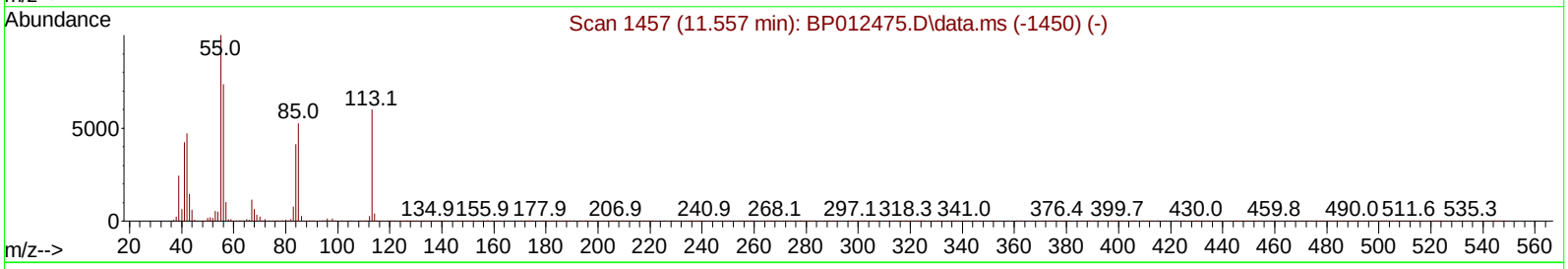
Instrument :
BNA_P
ClientSampleId :
SLCS509

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
Supervised By :mohammad ahmed 11/06/2022







TIC: BP012488.D\data.ms

(34) Caprolactam

11.563min (+ 0.001) 21.42 ng/ul

response 154084

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	162.64
56.00	123.60	120.60
0.00	0.00	0.00

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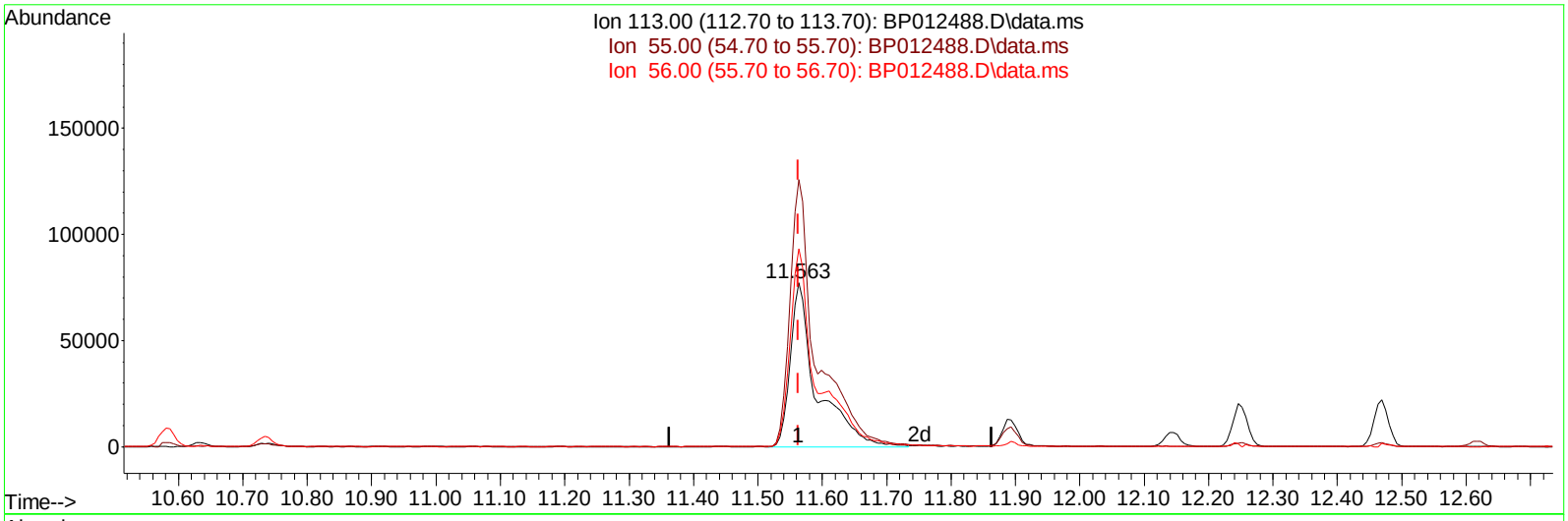

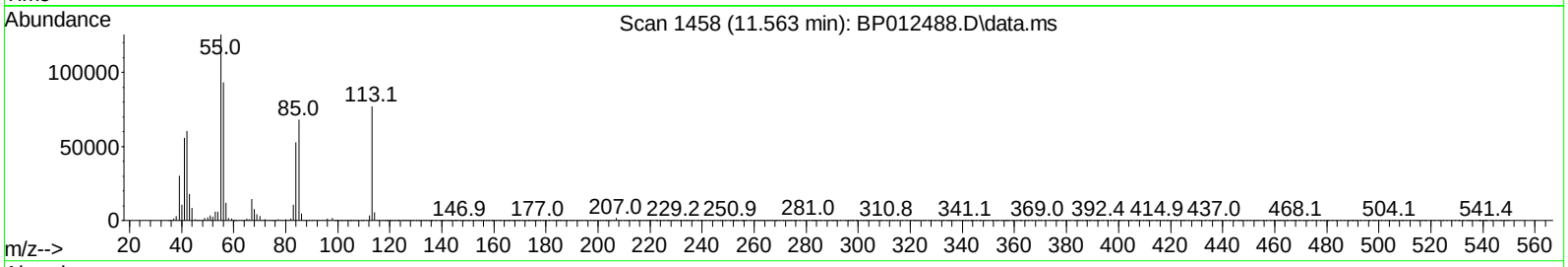

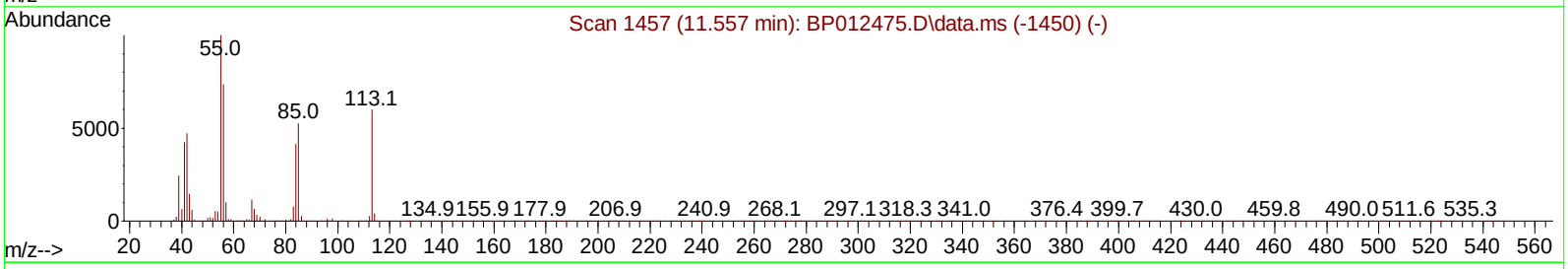

TIC: BP012488.D\data.ms

(34) Caprolactam

11.563min (+ 0.001) 30.83 ng/ul m

response 221762

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	169.50	162.64
56.00	123.60	120.60
0.00	0.00	0.00

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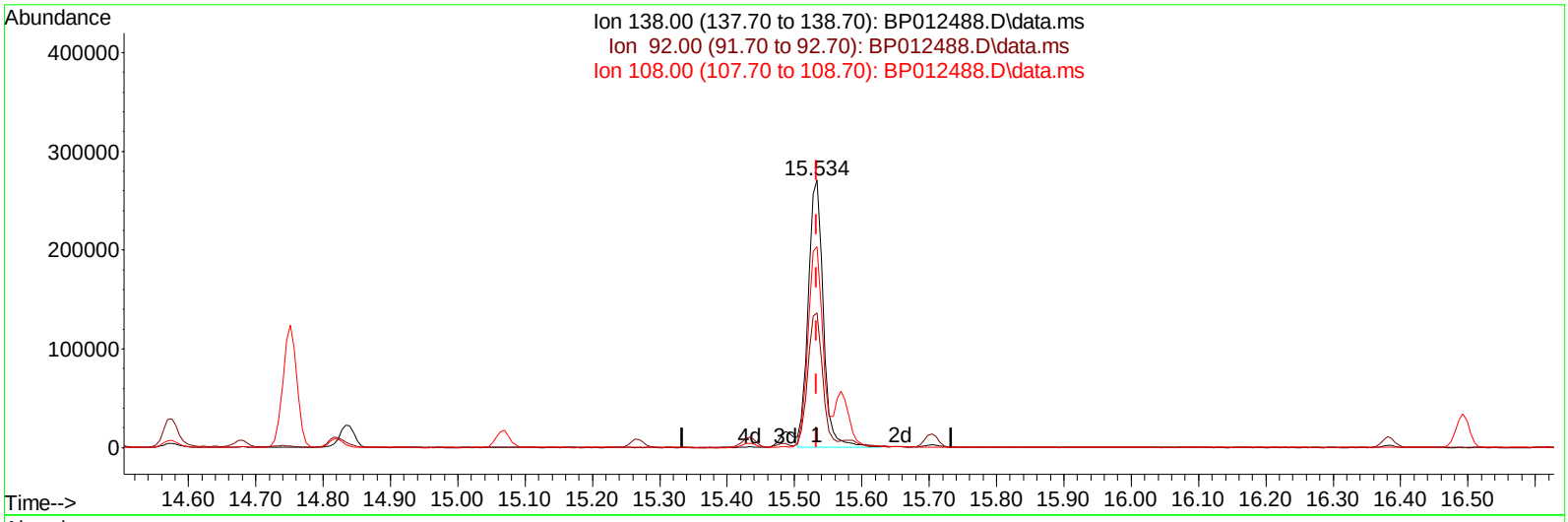

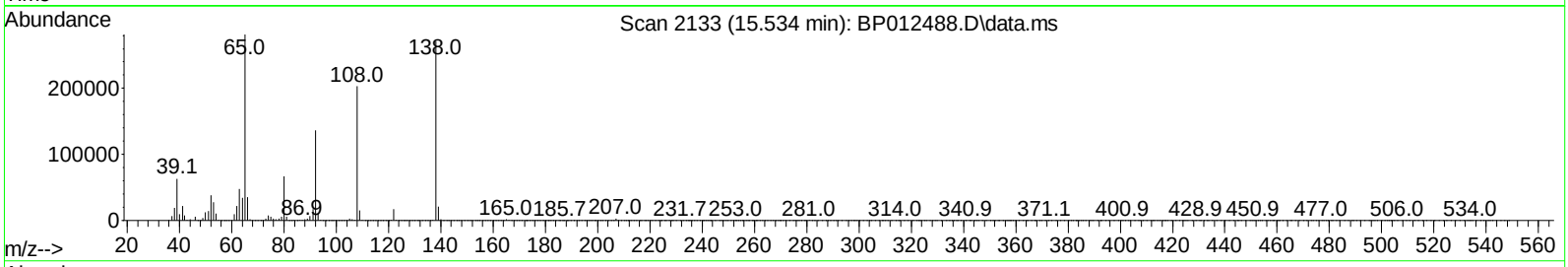

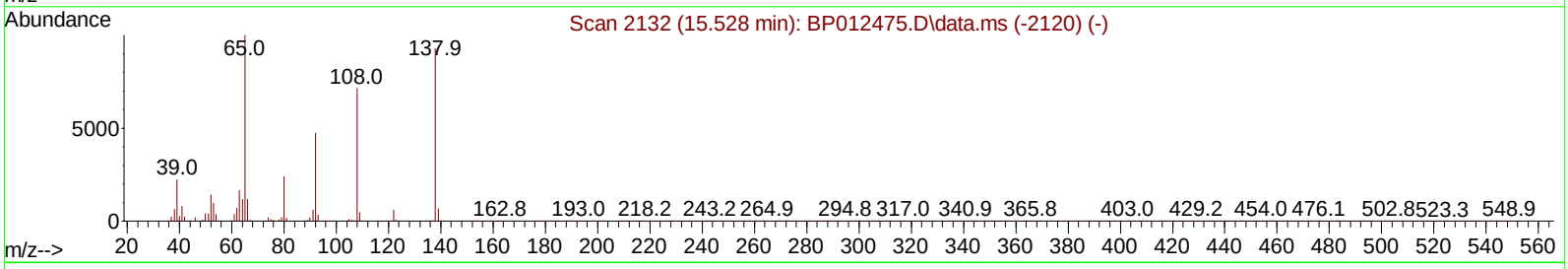

TIC: BP012488.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.001) 34.41 ng/ul

response 420852

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.28
108.00	70.80	75.02
0.00	0.00	0.00

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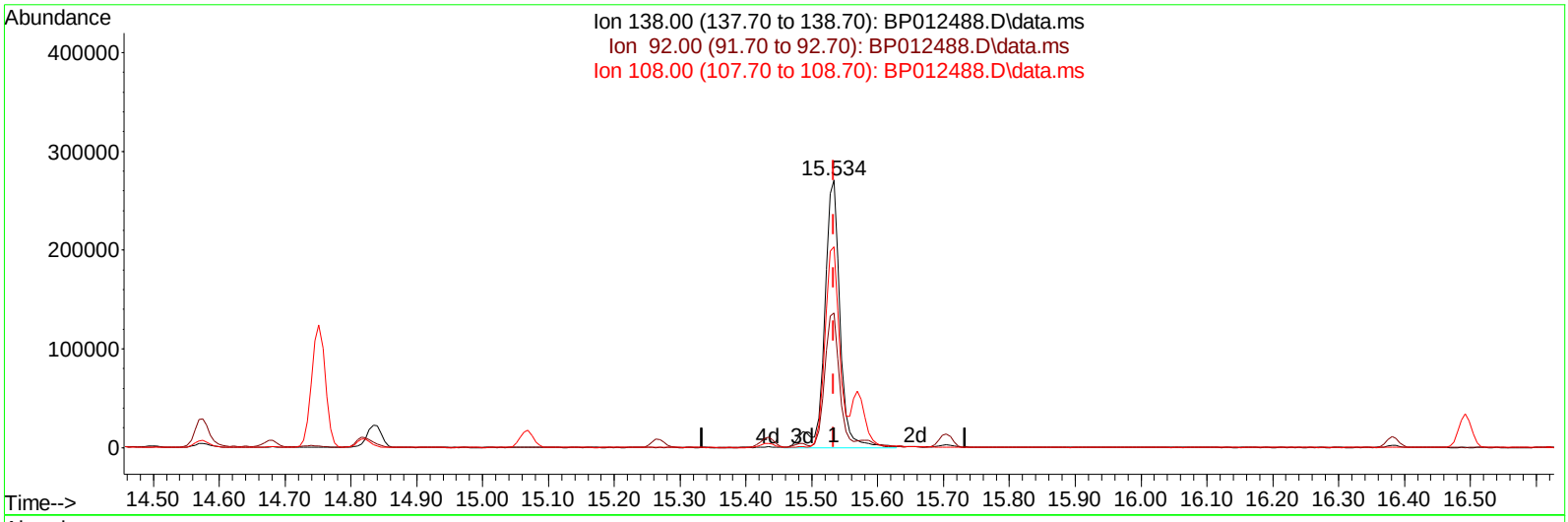

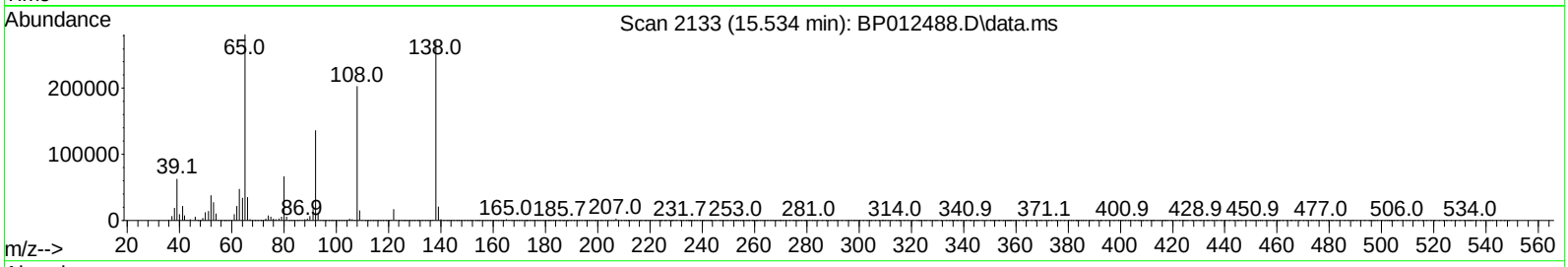

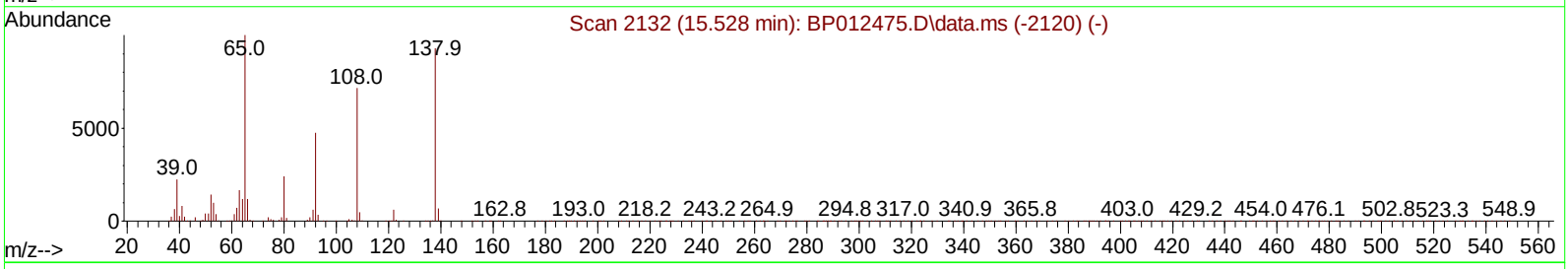

TIC: BP012488.D\data.ms

(63) 4-Nitroaniline

15.534min (+ 0.001) 36.74 ng/ul m

response 449439

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	50.80	50.28
108.00	70.80	75.02
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	296959	20.000	ng/ul	0.00
20) Naphthalene-d8	10.581	136	1395912	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.434	164	923276	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	2018329	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1864519	20.000	ng/ul	0.00
88) Perylene-d12	23.674	264	1673685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	39883	5.408	ng/uL	0.00
4) Pyridine-d5	3.652	84	510889	24.115	ng/ul	0.00
7) Phenol-d5	6.958	99	809357	30.387	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	453948	28.550	ng/ul	0.00
11) 2-Chlorophenol-d4	7.317	132	610599	31.392	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	659545	31.309	ng/ul	0.00
21) Nitrobenzene-d5	8.952	128	318313	35.164	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	361496	38.475	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	669248	32.868	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	893130	29.459	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	1987883	31.452	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	2235375	30.949	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	384040	32.105	ng/ul	0.00
60) Fluorene-d10	15.434	176	1693279	31.291	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	340720	32.424	ng/ul	0.00
73) Anthracene-d10	17.298	188	2712107	31.186	ng/ul	0.00
81) Pyrene-d10	19.539	212	3141259	33.556	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.527	264	2604209	31.845	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.264	88	76186	9.717	ng/uL	97
5) Pyridine	3.670	79	488771	23.475	ng/ul	99
6) Benzaldehyde	6.934	77	410082	32.645	ng/ul	99
8) Phenol	6.987	94	774003	27.948	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.217	93	593993	26.724	ng/ul	98
12) 2-Chlorophenol	7.346	128	598582	28.270	ng/ul	99
13) 2-Methylphenol	8.234	108	597476	28.054	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.316	45	749202	25.135	ng/ul	99
16) Acetophenone	8.616	105	932595	28.504	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.599	70	467538	29.683	ng/ul	99
18) 4-Methylphenol	8.569	108	669015	28.741	ng/ul	98
19) Hexachloroethane	8.852	117	226394	27.801	ng/ul	97
22) Nitrobenzene	8.993	77	688133	29.136	ng/ul	99
23) Isophorone	9.522	82	1374272	27.806	ng/ul	99
25) 2-Nitrophenol	9.705	139	369407	32.790	ng/ul	99
26) 2,4-Dimethylphenol	9.769	107	688412	27.829	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.005	93	867854	27.440	ng/ul	99
29) 2,4-Dichlorophenol	10.240	162	633366	29.964	ng/ul	99
30) Naphthalene	10.634	128	2001518	27.054	ng/ul	100
32) 4-Chloroaniline	10.758	127	838891	26.891	ng/ul	100
33) Hexachlorobutadiene	10.910	225	371912	28.281	ng/ul	98
34) Caprolactam	11.563	113	221762m	30.833	ng/ul	
35) 4-Chloro-3-methylphenol	11.893	107	714550	30.765	ng/ul	98

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/05/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.246	142	1386159	27.330	ng/ul	100
37) 1-Methylnaphthalene	12.469	142	1387687	27.396	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	748316	27.593	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	302510	24.111	ng/ul	99
41) 2,4,6-Trichlorophenol	12.869	196	519174	29.950	ng/ul	99
42) 2,4,5-Trichlorophenol	12.940	196	576111	30.471	ng/ul	100
43) 1,1'-Biphenyl	13.263	154	1859284	27.387	ng/ul	100
44) 2-Chloronaphthalene	13.304	162	1465931	27.479	ng/ul	99
45) 2-Nitroaniline	13.528	65	439569	35.550	ng/ul	99
47) Dimethylphthalate	13.899	163	1918643	28.813	ng/ul	100
48) 2,6-Dinitrotoluene	14.028	165	404701	36.602	ng/ul	98
50) Acenaphthylene	14.157	152	2300198	28.397	ng/ul	99
51) 3-Nitroaniline	14.363	138	427145	31.551	ng/ul	98
52) Acenaphthene	14.499	153	1580086	27.758	ng/ul	98
53) 2,4-Dinitrophenol	14.575	184	186648	24.997	ng/ul	99
55) 4-Nitrophenol	14.681	109	267360	29.539	ng/ul	92
56) Dibenzofuran	14.834	168	2203631	28.356	ng/ul	97
57) 2,4-Dinitrotoluene	14.822	165	584387	35.090	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	507055	31.597	ng/ul	98
59) Diethylphthalate	15.269	149	1967982	30.372	ng/ul	99
61) Fluorene	15.493	166	1757405	28.461	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.487	204	875538	28.907	ng/ul	99
63) 4-Nitroaniline	15.534	138	449439m	36.745	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.587	198	332481	29.696	ng/ul	99
67) N-Nitrosodiphenylamine	15.704	169	1593842	28.038	ng/ul	99
68) 4-Bromophenyl-phenylether	16.387	248	599738	29.583	ng/ul	98
69) Hexachlorobenzene	16.493	284	716637	29.473	ng/ul	99
70) Atrazine	16.669	200	601370	30.538	ng/ul	98
71) Pentachlorophenol	16.845	266	427259	28.612	ng/ul	100
72) Phenanthrene	17.240	178	3008806	28.218	ng/ul	99
74) Anthracene	17.334	178	3000080	28.322	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	786080	27.226	ng/uL	99
76) Pentachlorobenzene	14.751	250	786305	25.790	ng/uL	99
77) Carbazole	17.610	167	2832814	30.027	ng/ul	100
78) Di-n-butylphthalate	18.157	149	3530776	32.214	ng/ul	99
80) Fluoranthene	19.216	202	3615685	31.283	ng/ul	97
82) Pyrene	19.569	202	3683437	30.769	ng/ul	97
83) Butylbenzylphthalate	20.445	149	1657777	37.143	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.216	252	1139305	28.130	ng/ul	99
85) Benzo(a)anthracene	21.280	228	3411495	28.680	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2382016	34.903	ng/ul	100
87) Chrysene	21.333	228	3203837	28.811	ng/ul	99
89) Di-n-octyl phthalate	22.116	149	3903765	39.104	ng/ul	100
90) Benzo(b)fluoranthene	22.951	252	3234783	30.522	ng/ul	99
91) Benzo(k)fluoranthene	22.998	252	3126482	30.954	ng/ul	99
93) Benzo(a)pyrene	23.574	252	2705825	29.236	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.157	276	3212376	27.855	ng/ul	99
95) Dibenzo(a,h)anthracene	26.168	278	2759096	26.719	ng/ul	99
96) Benzo(g,h,i)perylene	26.915	276	2668289	26.173	ng/ul	98

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

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