Quantitation Report (Qedit)

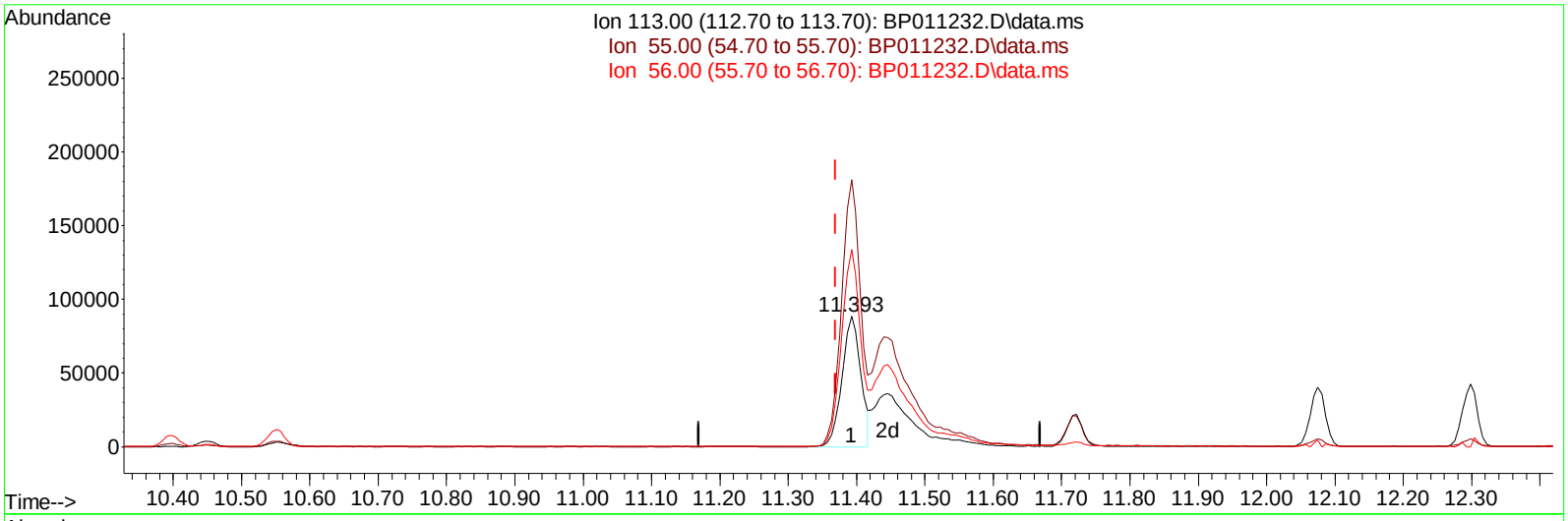
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080222\
Data File : BP011232.D
Acq On : 02 Aug 2022 19:02
Operator : CG/JU
Sample : SSTD08035
Misc :
ALS Vial : 7 Sample Multiplier: 1

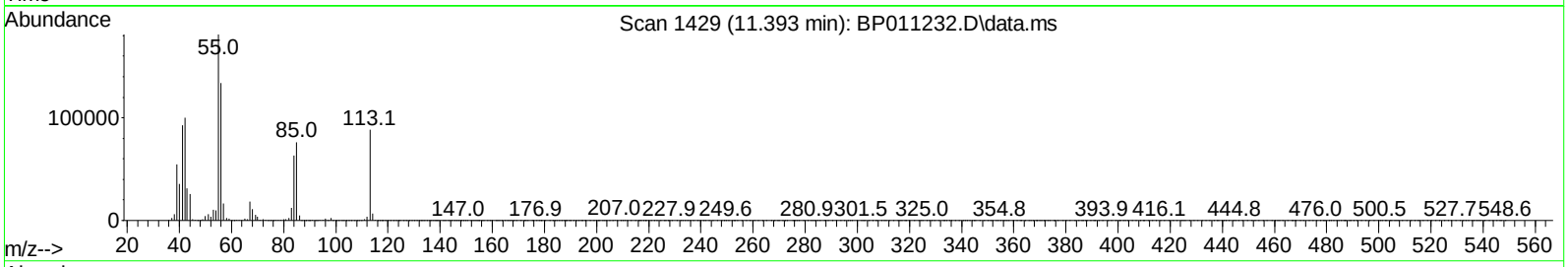
Quant Time: Aug 02 23:18:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 02 23:11:33 2022
Response via : Initial Calibration

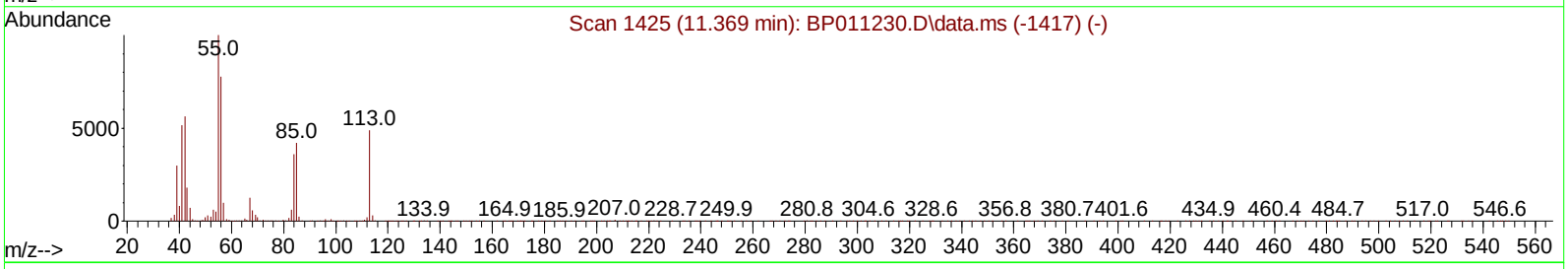
Instrument :
BNA_P
ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/03/2022
Supervised By :mohammad ahmed 08/03/2022







TIC: BP011232.D\data.ms

(34) Caprolactam

11.393min (+ 0.024) 42.41 ng/ul

response 168621

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	204.48
56.00	158.80	151.07
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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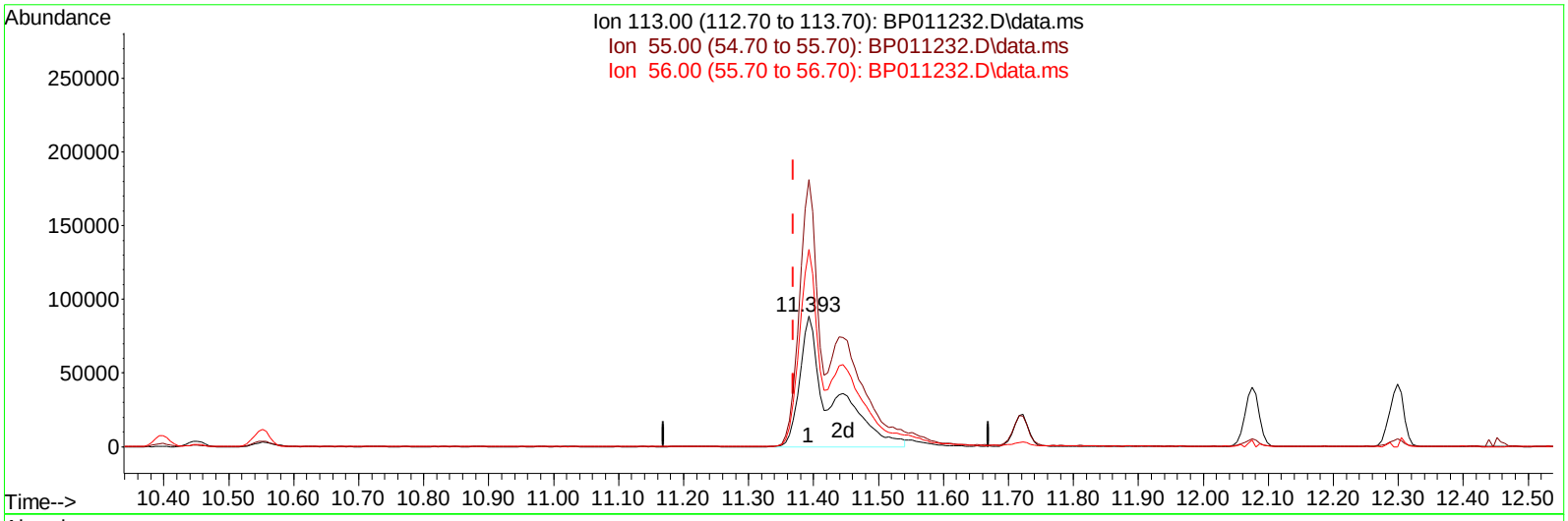

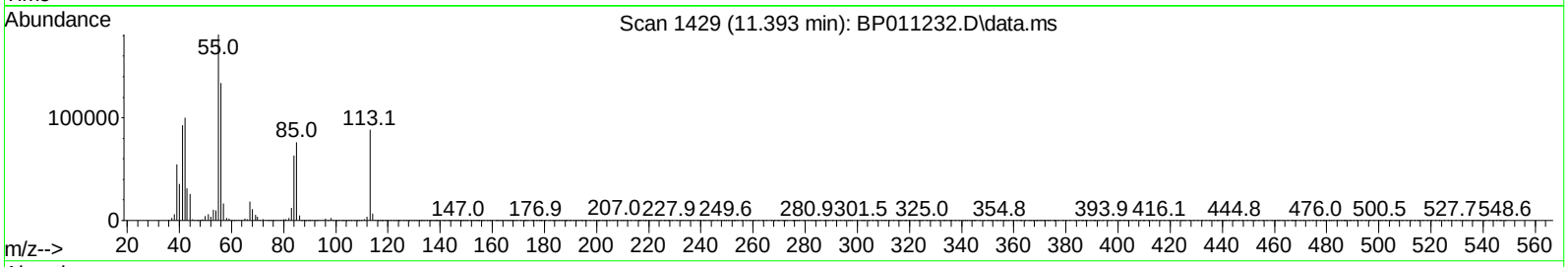

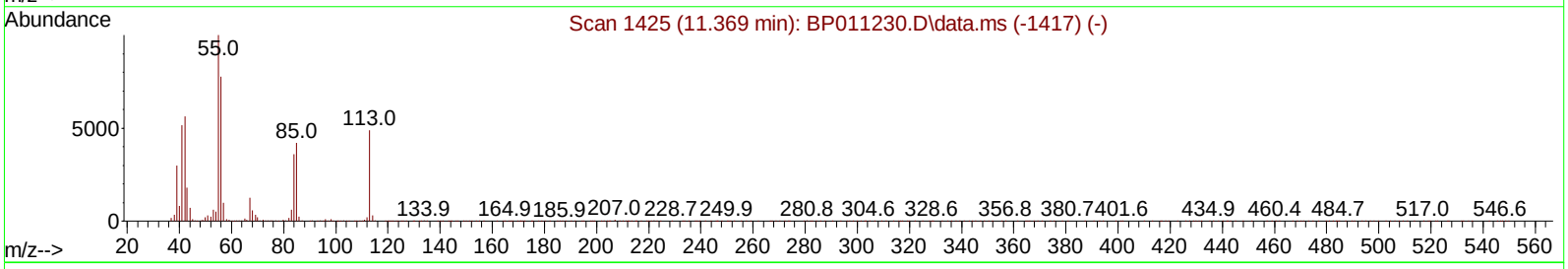

TIC: BP011232.D\data.ms

(34) Caprolactam

11.393min (+ 0.024) 76.73 ng/ul m

response 305045

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	205.30	204.48
56.00	158.80	151.07
0.00	0.00	0.00

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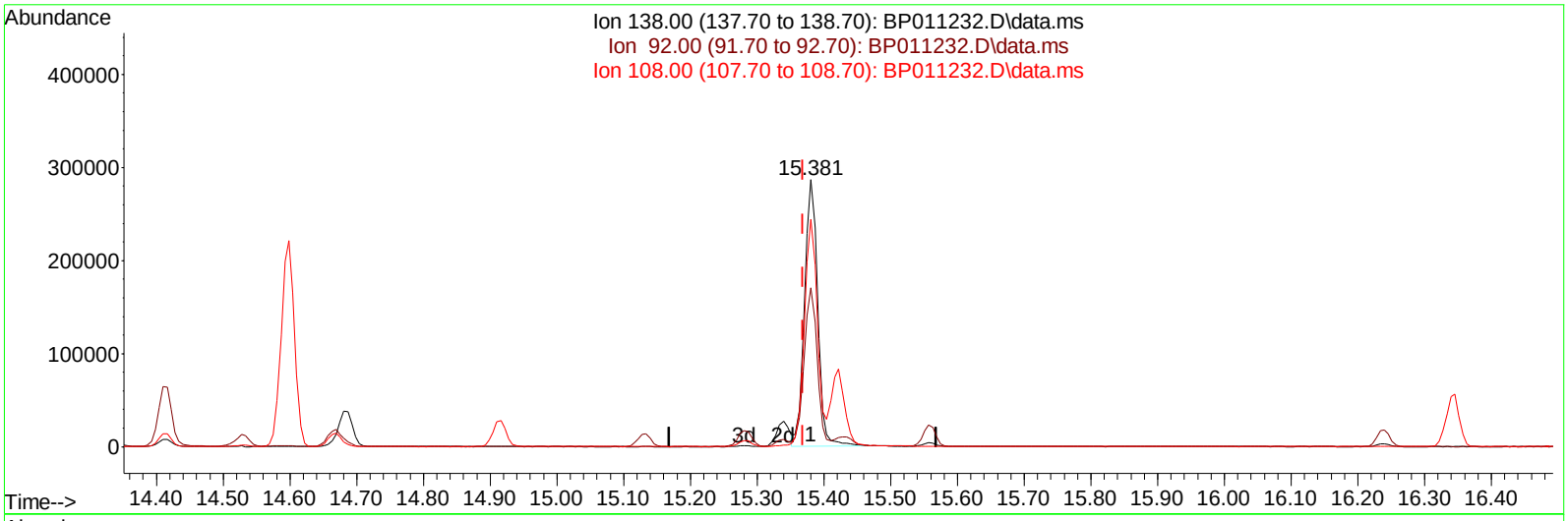

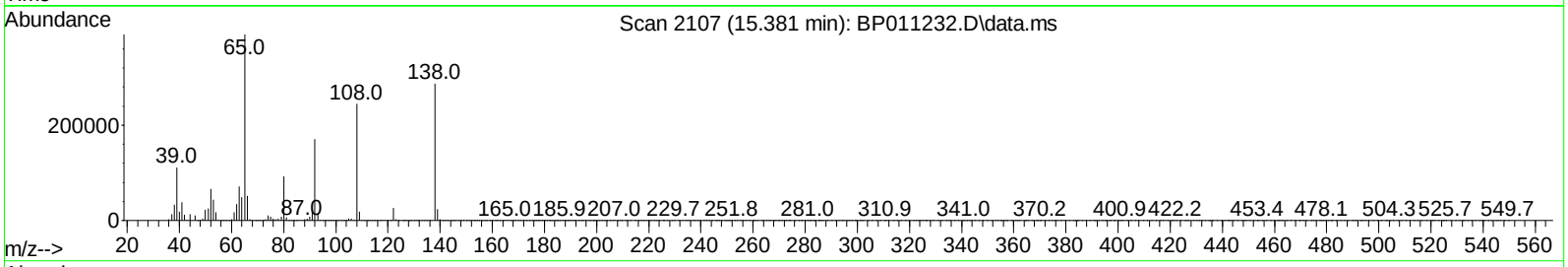

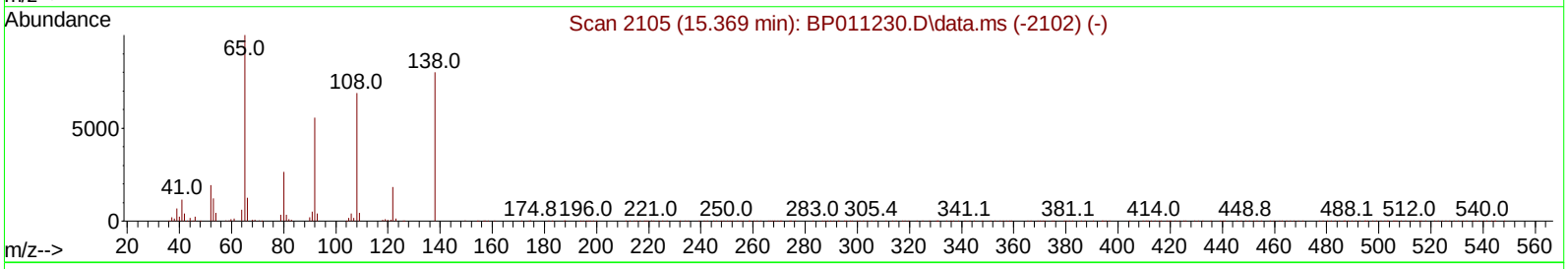

TIC: BP011232.D\data.ms

(63) 4-Nitroaniline

15.381min (+ 0.012) 81.27 ng/ul

response 394976

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	59.58
108.00	83.90	85.18
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_P
ClientSampleId :
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Manual IntegrationsAPPROVED

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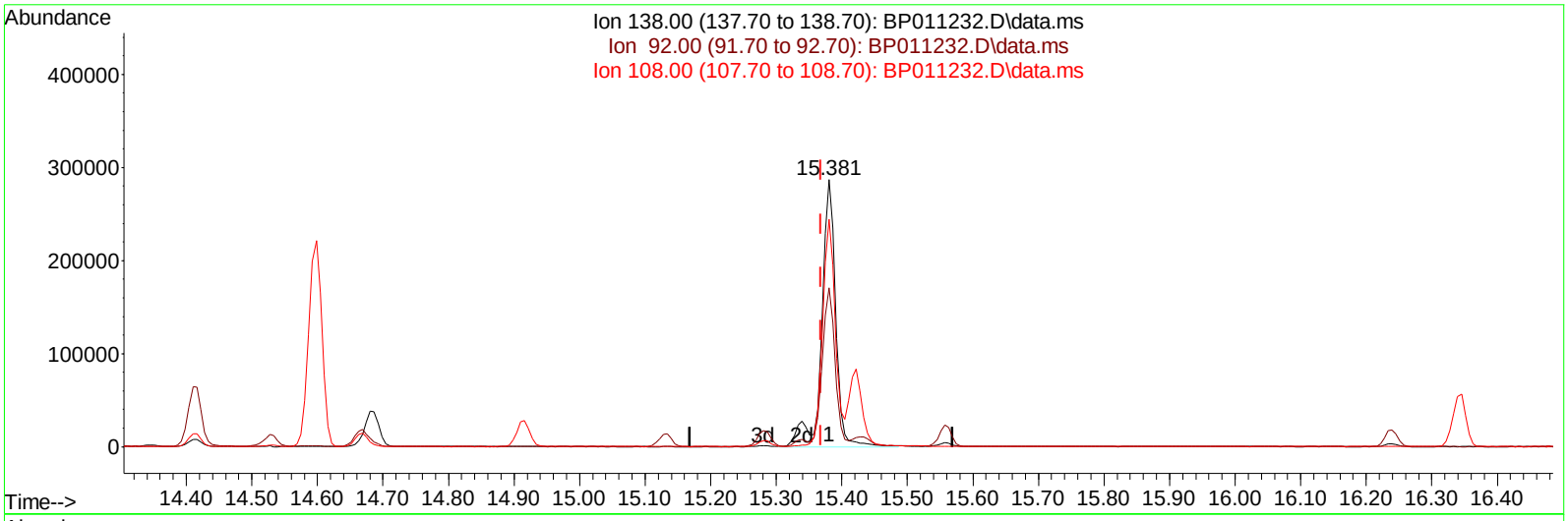

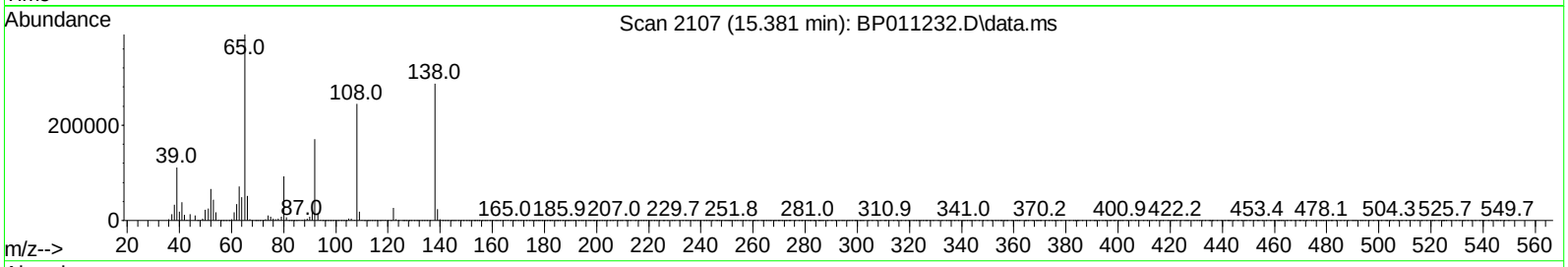

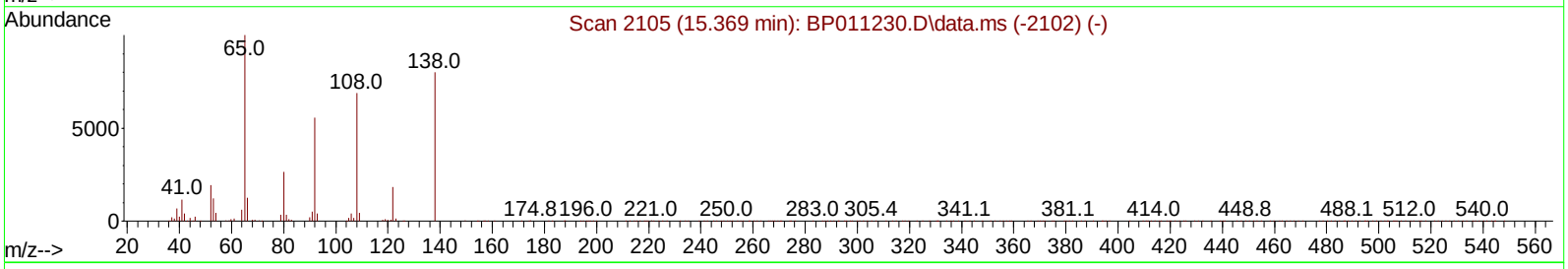

TIC: BP011232.D\data.ms

(63) 4-Nitroaniline

15.381min (+ 0.012) 89.75 ng/ul m

response 436182

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	69.90	59.58
108.00	83.90	85.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/03/2022
Supervised By :mohammad ahmed 08/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.605	152	210191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.399	136	881051	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.281	164	441477	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.051	188	838929	20.000	ng/ul	0.00
79) Chrysene-d12	21.180	240	803076	20.000	ng/ul	0.00
88) Perylene-d12	23.498	264	882810	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.093	96	77480	16.881	ng/uL	0.00
4) Pyridine-d5	3.505	84	561672	43.257	ng/ul	0.00
7) Phenol-d5	6.793	99	1418300	77.307	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	1028905	79.312	ng/ul	0.00
11) 2-Chlorophenol-d4	7.140	132	1199059	82.934	ng/ul	0.00
15) 4-Methylphenol-d8	8.334	113	1151682	76.739	ng/ul	0.00
21) Nitrobenzene-d5	8.775	128	583068	85.154	ng/ul	0.00
24) 2-Nitrophenol-d4	9.493	143	568614	86.695	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	980794	84.854	ng/ul	0.00
31) 4-Chloroaniline-d4	10.551	131	1481380	79.057	ng/ul	0.00
46) Dimethylphthalate-d6	13.704	166	2575061	85.611	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	3235377	85.597	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	501912	92.769	ng/ul	0.01
60) Fluorene-d10	15.281	176	2128843	84.228	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.422	200	374098	88.460	ng/ul	0.00
73) Anthracene-d10	17.151	188	3091092	83.621	ng/ul	0.00
81) Pyrene-d10	19.410	212	3442087	79.765	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.351	264	3781231	86.234	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.128	88	77595	16.333	ng/uL#	94
5) Pyridine	3.522	79	570010	42.556	ng/ul	96
6) Benzaldehyde	6.758	77	668806	75.573	ng/ul	98
8) Phenol	6.822	94	1517249	77.085	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.046	93	1256279	78.720	ng/ul	98
12) 2-Chlorophenol	7.175	128	1234399	82.121	ng/ul	98
13) 2-Methylphenol	8.063	108	1148426	78.722	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.152	45	2110940	78.975	ng/ul	98
16) Acetophenone	8.440	105	1823249	78.100	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.440	70	914972	74.143	ng/ul	99
18) 4-Methylphenol	8.405	108	1216960	77.458	ng/ul	99
19) Hexachloroethane	8.675	117	585086	86.652	ng/ul	99
22) Nitrobenzene	8.816	77	1491172	84.704	ng/ul	96
23) Isophorone	9.352	82	2603939	81.751	ng/ul	99
25) 2-Nitrophenol	9.522	139	637986	86.566	ng/ul	96
26) 2,4-Dimethylphenol	9.593	107	1325648	83.731	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.834	93	1631391	81.517	ng/ul	98
29) 2,4-Dichlorophenol	10.057	162	1001443	83.773	ng/ul	98
30) Naphthalene	10.451	128	3792826	81.825	ng/ul	99
32) 4-Chloroaniline	10.575	127	1481762	79.583	ng/ul	99
33) Hexachlorobutadiene	10.728	225	620432	84.979	ng/ul	99
34) Caprolactam	11.393	113	305045m	76.729	ng/ul	
35) 4-Chloro-3-methylphenol	11.722	107	1146330	85.523	ng/ul	100

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ClientSampleId :
SSTD080635

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 08/03/2022
Supervised By :mohammad ahmed 08/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.075	142	2374139	80.938	ng/ul	99
37) 1-Methylnaphthalene	12.298	142	2365276	80.490	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.451	216	1023008	83.288	ng/ul	98
40) Hexachlorocyclopentadiene	12.422	237	669692	82.700	ng/ul	99
41) 2,4,6-Trichlorophenol	12.698	196	677507	87.842	ng/ul	100
42) 2,4,5-Trichlorophenol	12.775	196	729921	89.398	ng/ul	99
43) 1,1'-Biphenyl	13.104	154	2933387	83.160	ng/ul	99
44) 2-Chloronaphthalene	13.145	162	2170647	82.313	ng/ul	98
45) 2-Nitroaniline	13.369	65	709982	92.636	ng/ul	95
47) Dimethylphthalate	13.751	163	2557840	84.439	ng/ul	100
48) 2,6-Dinitrotoluene	13.875	165	512069	96.744	ng/ul	89
50) Acenaphthylene	13.998	152	3534528	83.706	ng/ul	99
51) 3-Nitroaniline	14.204	138	498715	87.242	ng/ul	94
52) Acenaphthene	14.345	153	2284800	82.839	ng/ul	98
53) 2,4-Dinitrophenol	14.416	184	268064	89.800	ng/ul	96
55) 4-Nitrophenol	14.528	109	436162	93.821	ng/ul	97
56) Dibenzofuran	14.687	168	3051092	81.383	ng/ul	100
57) 2,4-Dinitrotoluene	14.669	165	735078	99.536	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.916	232	538302	90.670	ng/ul	97
59) Diethylphthalate	15.134	149	2684026	88.652	ng/ul	99
61) Fluorene	15.339	166	2401256	82.370	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.339	204	1048300	79.010	ng/ul	96
63) 4-Nitroaniline	15.381	138	436182m	89.750	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.434	198	377503	87.893	ng/ul#	98
67) N-Nitrosodiphenylamine	15.557	169	2033019	78.856	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	641492	79.685	ng/ul	98
69) Hexachlorobenzene	16.345	284	719049	78.079	ng/ul	98
70) Atrazine	16.534	200	666225	82.174	ng/ul	99
71) Pentachlorophenol	16.698	266	462683	87.508	ng/ul	99
72) Phenanthrene	17.092	178	3742599	81.515	ng/ul	99
74) Anthracene	17.186	178	3739908	82.336	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.063	216	1045284	72.274	ng/uL	99
76) Pentachlorobenzene	14.598	250	896440	75.205	ng/uL	99
77) Carbazole	17.469	167	3478999	86.452	ng/ul	99
78) Di-n-butylphthalate	18.033	149	4463313	92.747	ng/ul	100
80) Fluoranthene	19.080	202	4227298	79.304	ng/ul	99
82) Pyrene	19.439	202	4229408	77.212	ng/ul	99
83) Butylbenzylphthalate	20.333	149	1999351	91.151	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.104	252	1227002	87.597	ng/ul	99
85) Benzo(a)anthracene	21.163	228	4166350	83.456	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.104	149	3030697	91.423	ng/ul	100
87) Chrysene	21.216	228	4026495	81.131	ng/ul	98
89) Di-n-octyl phthalate	22.004	149	5488103	90.450	ng/ul	100
90) Benzo(b)fluoranthene	22.798	252	4616428	82.950	ng/ul	99
91) Benzo(k)fluoranthene	22.845	252	4491846	85.042	ng/ul	100
93) Benzo(a)pyrene	23.404	252	4588039	84.517	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.904	276	5566958	83.239	ng/ul	99
95) Dibenzo(a,h)anthracene	25.927	278	4668285	81.383	ng/ul	98
96) Benzo(g,h,i)perylene	26.645	276	4797677	82.944	ng/ul	98

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

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