Quantitation Report (Qedit)

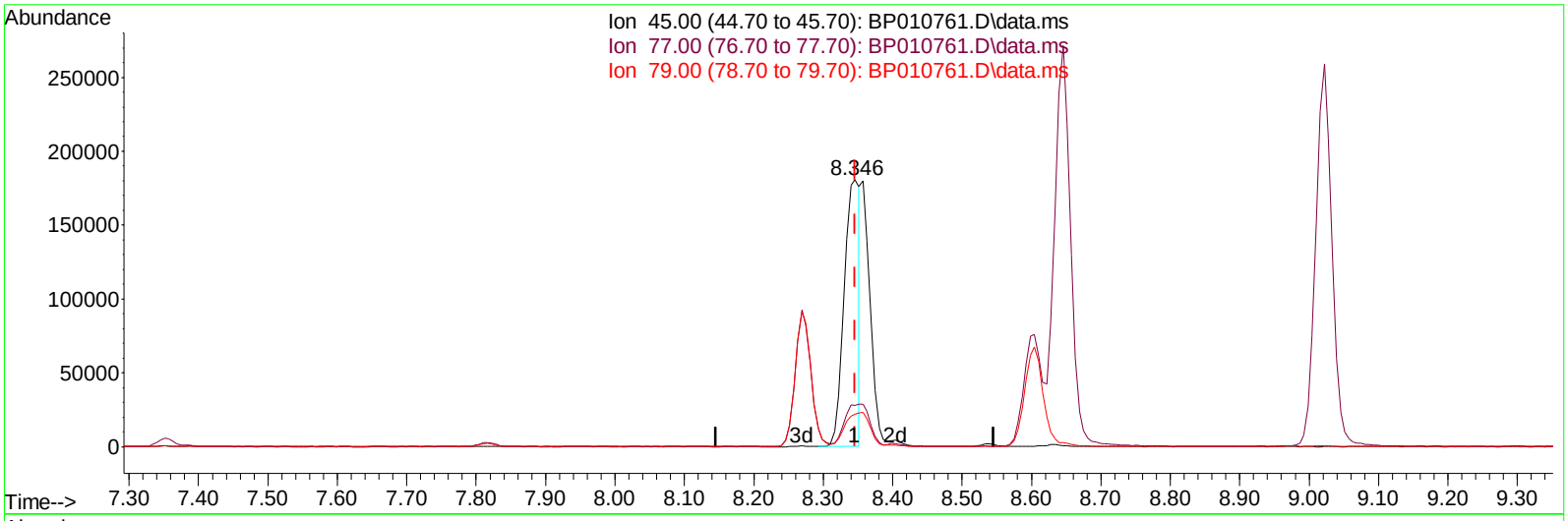
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062022\
Data File : BP010761.D
Acq On : 20 Jun 2022 14:02
Operator : CG/JU
Sample : SSTD04006
Misc :
ALS Vial : 5 Sample Multiplier: 1

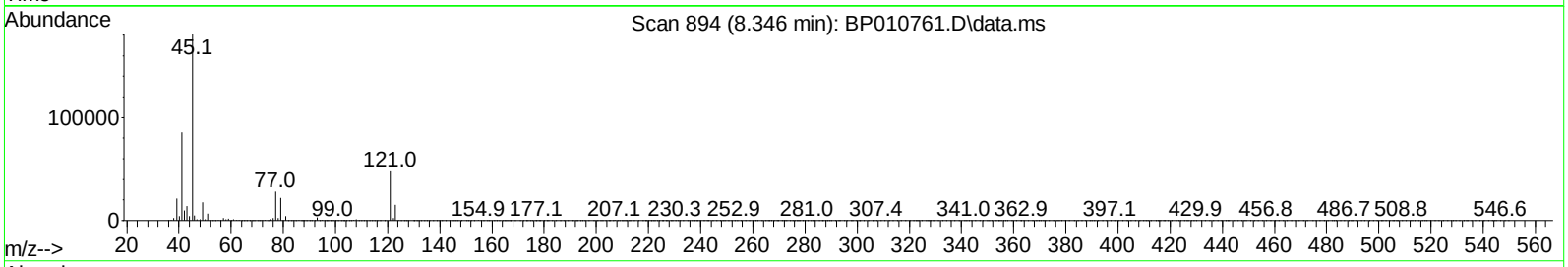
Quant Time: Jun 20 14:53:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062022.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 20 14:42:10 2022
Response via : Initial Calibration

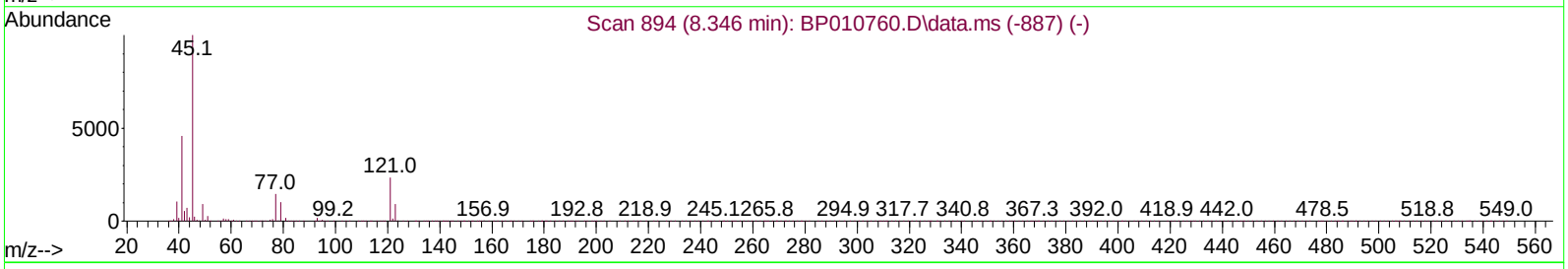
Instrument :
BNA_P
ClientSampleId :
SSTD040606

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
Supervised By :mohammad ahmed 06/27/2022







TIC: BP010761.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.346min (-0.000) 18.56 ng/ul

response 282562

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.00	15.58
79.00	8.60	12.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

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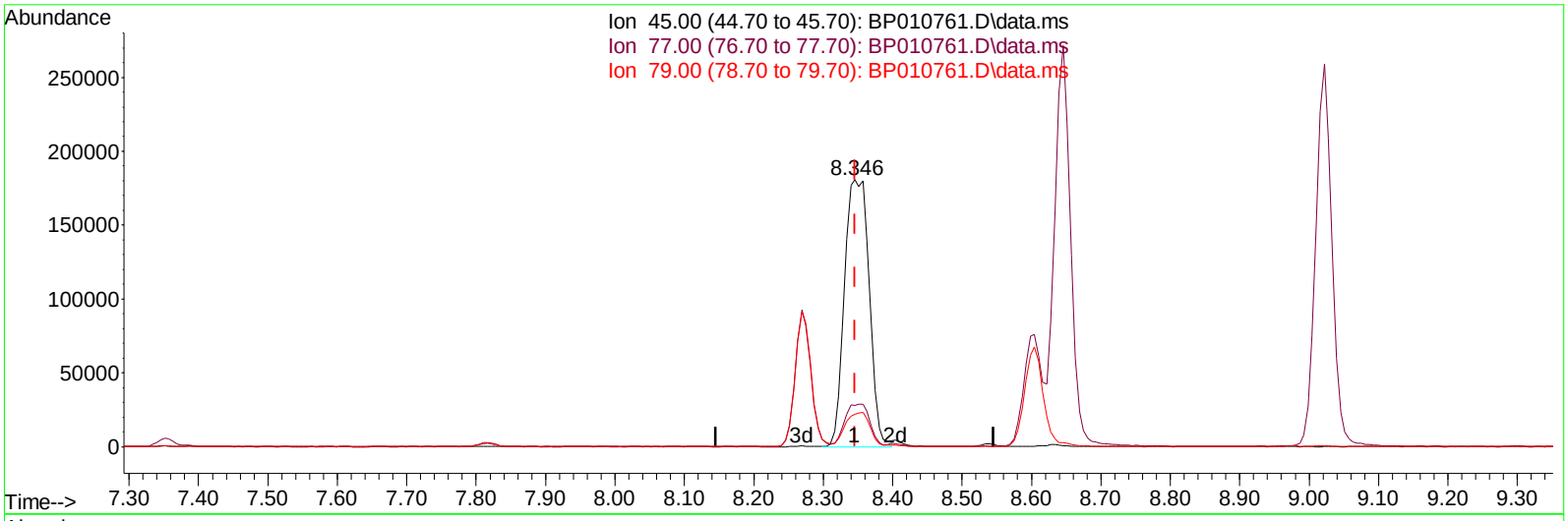

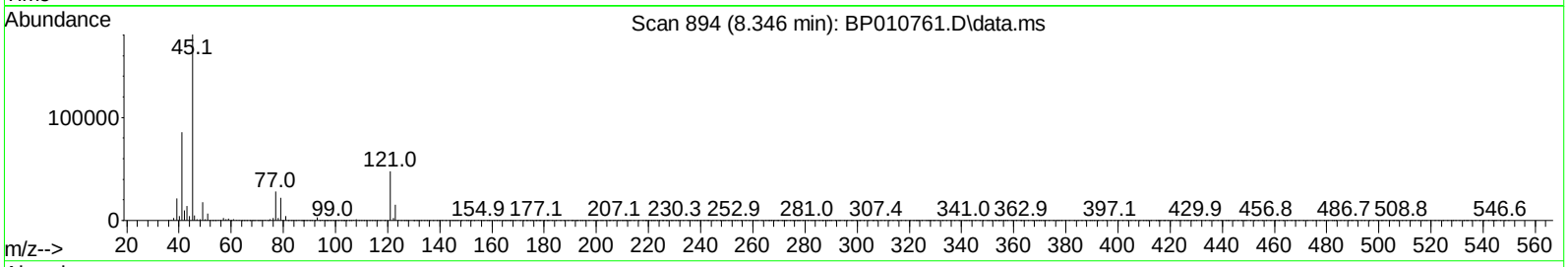

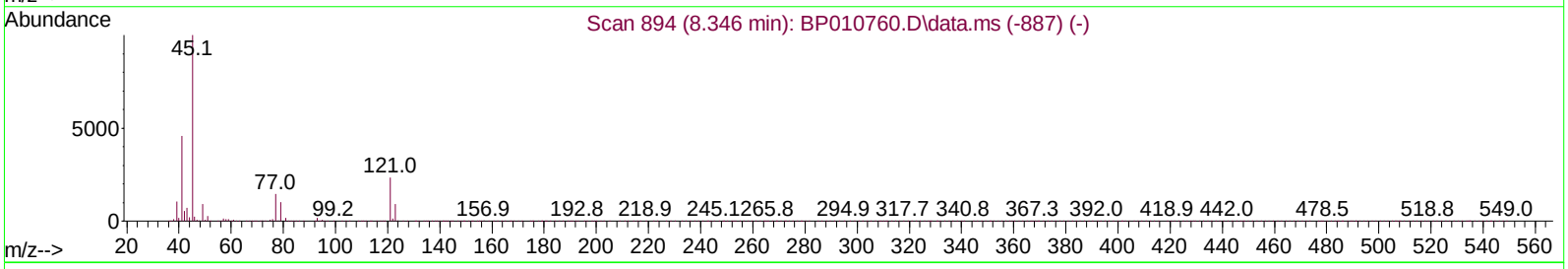

TIC: BP010761.D\data.ms

(14) 2,2'-oxybis(1-Chloropropane)

8.346min (-0.000) 29.42 ng/ul m

response 447968

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	14.00	15.58
79.00	8.60	12.27#
0.00	0.00	0.00

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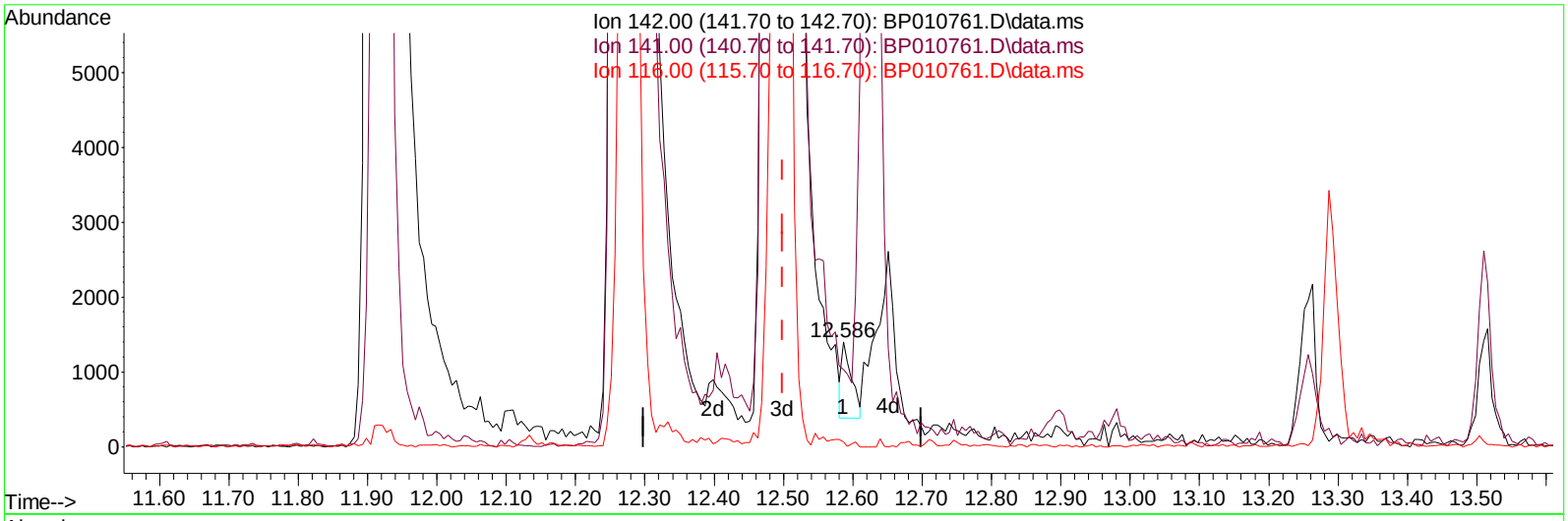

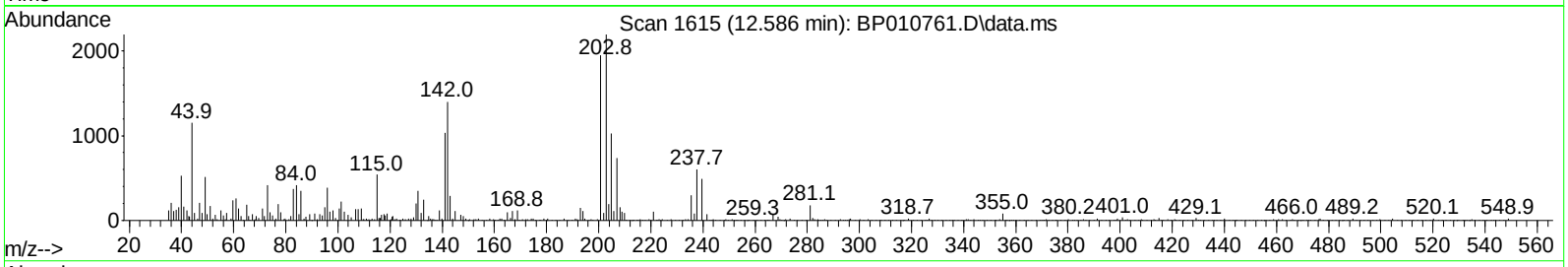

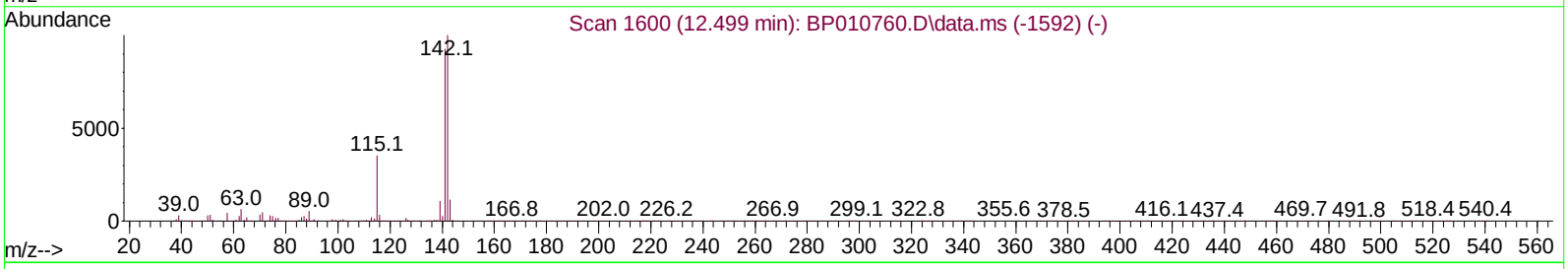

TIC: BP010761.D\data.ms

(37) 1-Methylnaphthalene

12.586min (+ 0.088) 0.05 ng/ul

response 1000

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	73.75
116.00	5.00	4.36
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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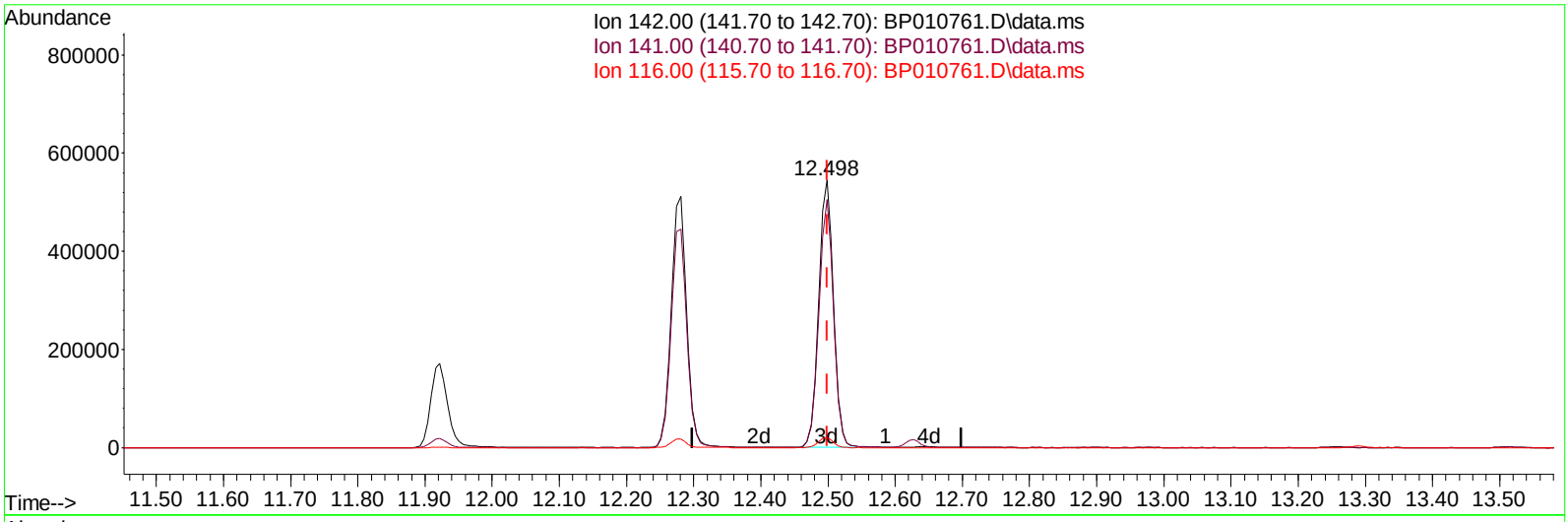

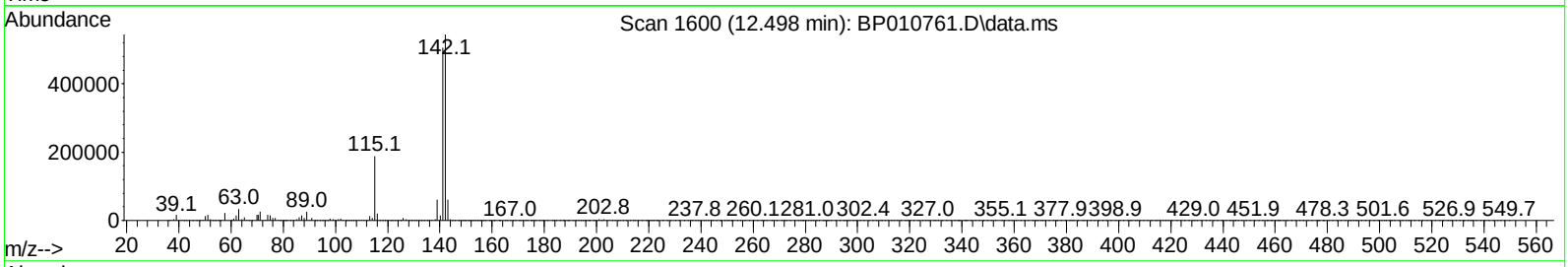

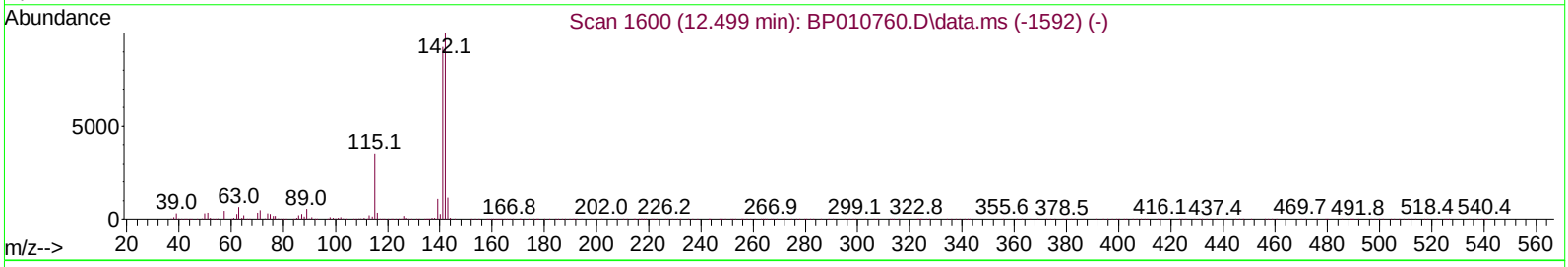

TIC: BP010761.D\data.ms

(37) 1-Methylnaphthalene

12.498min (-0.000) 42.67 ng/ul m

response 832963

Ion	Exp%	Act%
142.00	100.00	100.00
141.00	91.60	92.74
116.00	5.00	3.63#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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SSTD040606

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	145685	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	558052	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.457	164	338780	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	658199	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	657118	20.000	ng/ul	0.00
88) Perylene-d12	23.704	264	719729	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	56101	16.187	ng/uL	0.00
4) Pyridine-d5	3.693	84	371954	40.896	ng/ul	0.00
7) Phenol-d5	6.999	99	449302	40.652	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.151	67	276728	37.349	ng/ul	0.00
11) 2-Chlorophenol-d4	7.351	132	396992	44.657	ng/ul	0.00
15) 4-Methylphenol-d8	8.540	113	369357	41.094	ng/ul	0.00
21) Nitrobenzene-d5	8.981	128	187422	42.604	ng/ul	0.00
24) 2-Nitrophenol-d4	9.704	143	204676	41.387	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	372243	43.752	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	505098	43.285	ng/ul	0.00
46) Dimethylphthalate-d6	13.875	166	993565	41.266	ng/ul	0.00
49) Acenaphthylene-d8	14.151	160	1241499	43.574	ng/ul	0.00
54) 4-Nitrophenol-d4	14.686	143	146363	37.923	ng/ul	0.00
60) Fluorene-d10	15.457	176	884577	42.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	169467	43.075	ng/ul	0.00
73) Anthracene-d10	17.316	188	1284455	43.093	ng/ul	0.00
81) Pyrene-d10	19.551	212	1442541	42.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.551	264	1556751	43.818	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	58950	16.425	ng/uL#	77
5) Pyridine	3.710	79	385650	41.052	ng/ul#	68
6) Benzaldehyde	6.963	77	245571	42.865	ng/ul	94
8) Phenol	7.022	94	479836	40.487	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.246	93	378446	40.765	ng/ul#	83
12) 2-Chlorophenol	7.387	128	399879	43.014	ng/ul#	88
13) 2-Methylphenol	8.269	108	358246	40.669	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.346	45	447968m	29.422	ng/ul	
16) Acetophenone	8.646	105	566432	38.846	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.634	70	277606	36.733	ng/ul#	86
18) 4-Methylphenol	8.604	108	384750	41.052	ng/ul	99
19) Hexachloroethane	8.893	117	162152	37.498	ng/ul	95
22) Nitrobenzene	9.022	77	421692	37.259	ng/ul	91
23) Isophorone	9.551	82	755503	37.770	ng/ul	97
25) 2-Nitrophenol	9.734	139	225336	43.883	ng/ul#	78
26) 2,4-Dimethylphenol	9.798	107	427886	39.554	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.028	93	473246	40.654	ng/ul	99
29) 2,4-Dichlorophenol	10.275	162	373700	42.945	ng/ul	95
30) Naphthalene	10.663	128	1242962	43.154	ng/ul	100
32) 4-Chloroaniline	10.781	127	502236	43.044	ng/ul	98
33) Hexachlorobutadiene	10.951	225	268681	39.206	ng/ul	96
34) Caprolactam	11.581	113	102358	37.386	ng/ul#	68
35) 4-Chloro-3-methylphenol	11.922	107	364847	37.786	ng/ul	92

Quantitation Report (QT Reviewed)

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Sample : SSTD04006
Misc :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.281	142	823241	42.341	ng/ul	99
37) 1-Methylnaphthalene	12.498	142	832963m	42.669	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.651	216	479744	43.019	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	219042	41.863	ng/ul	97
41) 2,4,6-Trichlorophenol	12.898	196	293288	43.399	ng/ul	99
42) 2,4,5-Trichlorophenol	12.975	196	307668	43.035	ng/ul	99
43) 1,1'-Biphenyl	13.292	154	1100355	43.758	ng/ul	98
44) 2-Chloronaphthalene	13.333	162	852869	43.636	ng/ul	97
45) 2-Nitroaniline	13.545	65	212233	32.093	ng/ul#	73
47) Dimethylphthalate	13.922	163	984095	41.108	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	206392	40.550	ng/ul#	86
50) Acenaphthylene	14.181	152	1345854	43.902	ng/ul	98
51) 3-Nitroaniline	14.375	138	191822	41.110	ng/ul	86
52) Acenaphthene	14.522	153	867507	43.766	ng/ul	98
53) 2,4-Dinitrophenol	14.592	184	103723	40.272	ng/ul#	71
55) 4-Nitrophenol	14.698	109	108519	27.905	ng/ul#	78
56) Dibenzofuran	14.857	168	1243828	42.758	ng/ul	92
57) 2,4-Dinitrotoluene	14.833	165	290743	41.485	ng/ul#	75
58) 2,3,4,6-Tetrachlorophenol	15.092	232	250811	41.004	ng/ul	96
59) Diethylphthalate	15.286	149	935306	37.587	ng/ul	98
61) Fluorene	15.510	166	999005	42.323	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.504	204	524359	41.347	ng/ul	93
63) 4-Nitroaniline	15.539	138	177374	40.272	ng/ul#	79
66) 4,6-Dinitro-2-methylph...	15.604	198	166801	43.932	ng/ul#	87
67) N-Nitrosodiphenylamine	15.722	169	837187	45.195	ng/ul	99
68) 4-Bromophenyl-phenylether	16.404	248	316140	43.806	ng/ul#	89
69) Hexachlorobenzene	16.522	284	375597	57.569	ng/ul	93
70) Atrazine	16.680	200	299605	39.760	ng/ul	99
71) Pentachlorophenol	16.874	266	189349	40.377	ng/ul	99
72) Phenanthrene	17.257	178	1491700	43.411	ng/ul	98
74) Anthracene	17.351	178	1518087	43.688	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	492057	43.696	ng/uL	98
76) Pentachlorobenzene	14.780	250	464462	47.275	ng/uL	99
77) Carbazole	17.627	167	1282077	42.429	ng/ul	98
78) Di-n-butylphthalate	18.174	149	1461356	35.310	ng/ul	98
80) Fluoranthene	19.227	202	1703831	42.277	ng/ul	97
82) Pyrene	19.580	202	1762889	42.904	ng/ul#	94
83) Butylbenzylphthalate	20.457	149	632723	36.968	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.227	252	594754	49.361	ng/ul	98
85) Benzo(a)anthracene	21.292	228	1713117	42.234	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.215	149	920896	36.575	ng/ul	99
87) Chrysene	21.345	228	1688369	42.504	ng/ul	100
89) Di-n-octyl phthalate	22.133	149	1586457	34.458	ng/ul	100
90) Benzo(b)fluoranthene	22.974	252	1902013	42.769	ng/ul	99
91) Benzo(k)fluoranthene	23.021	252	1819307	42.878	ng/ul	98
93) Benzo(a)pyrene	23.598	252	1904354	43.452	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.198	276	2382516	46.633	ng/ul	97
95) Dibenzo(a,h)anthracene	26.209	278	2031370	46.179	ng/ul	99
96) Benzo(g,h,i)perylene	26.962	276	2032631	46.317	ng/ul	96

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

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