Quantitation Report (Qedit)

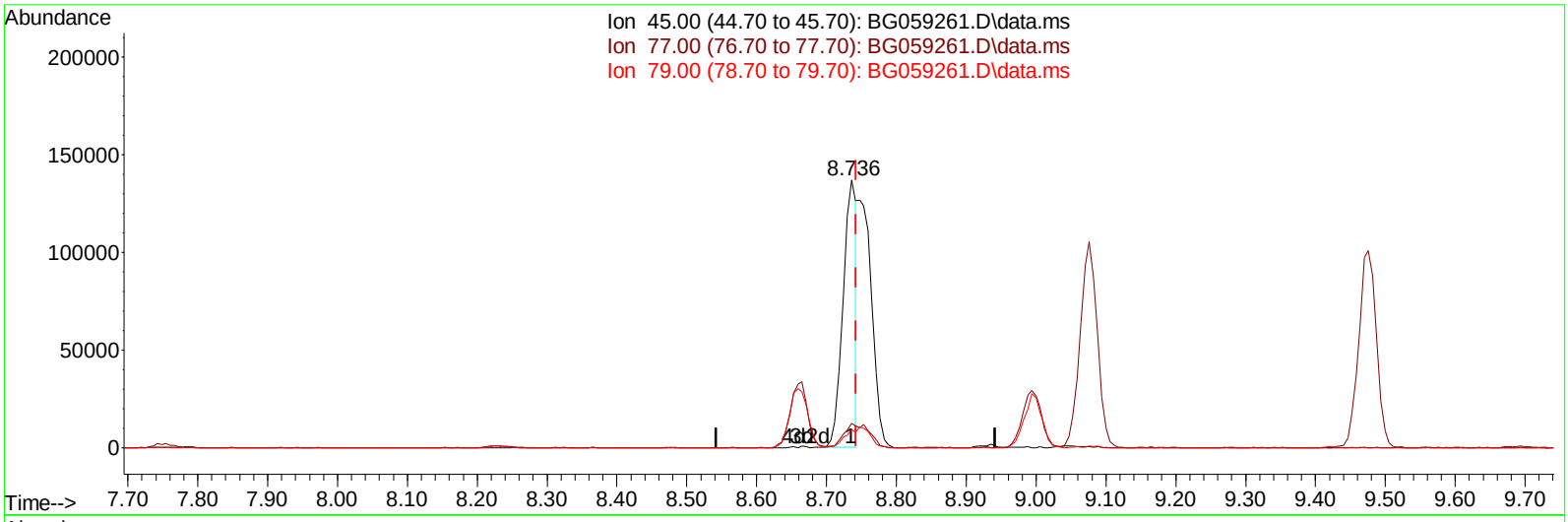
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100323\
Data File : BG059261.D
Acq On : 3 Oct 2023 12:29
Operator : MA/JU
Sample : PB155687BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

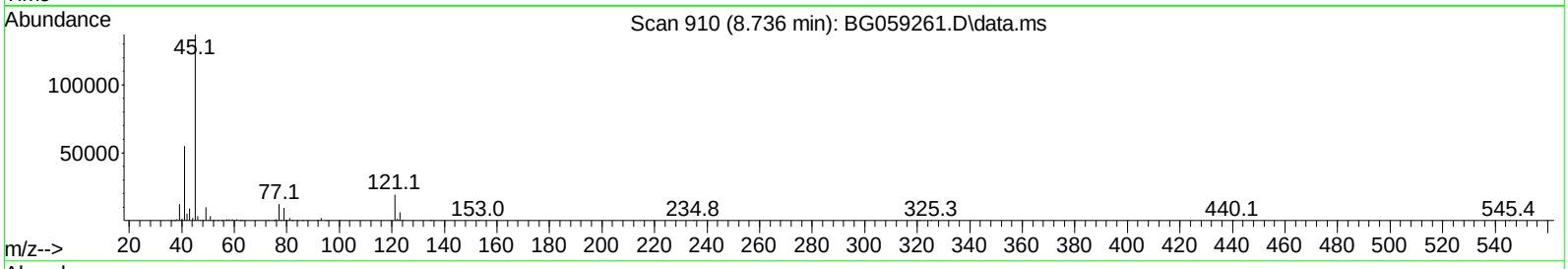
Quant Time: Oct 03 23:32:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 04:33:25 2023
Response via : Initial Calibration

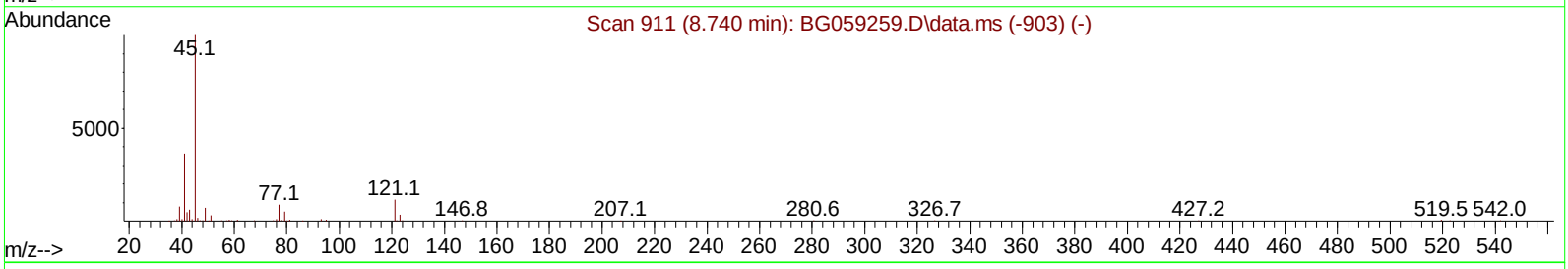
Instrument :
BNA_G
ClientSampleId :
SLCS687

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/04/2023







TIC: BG059261.D\data.ms

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

8.736min (-0.007) 18.57 ng/ul

response 181685

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	9.07
79.00	7.40	6.73
0.00	0.00	0.00

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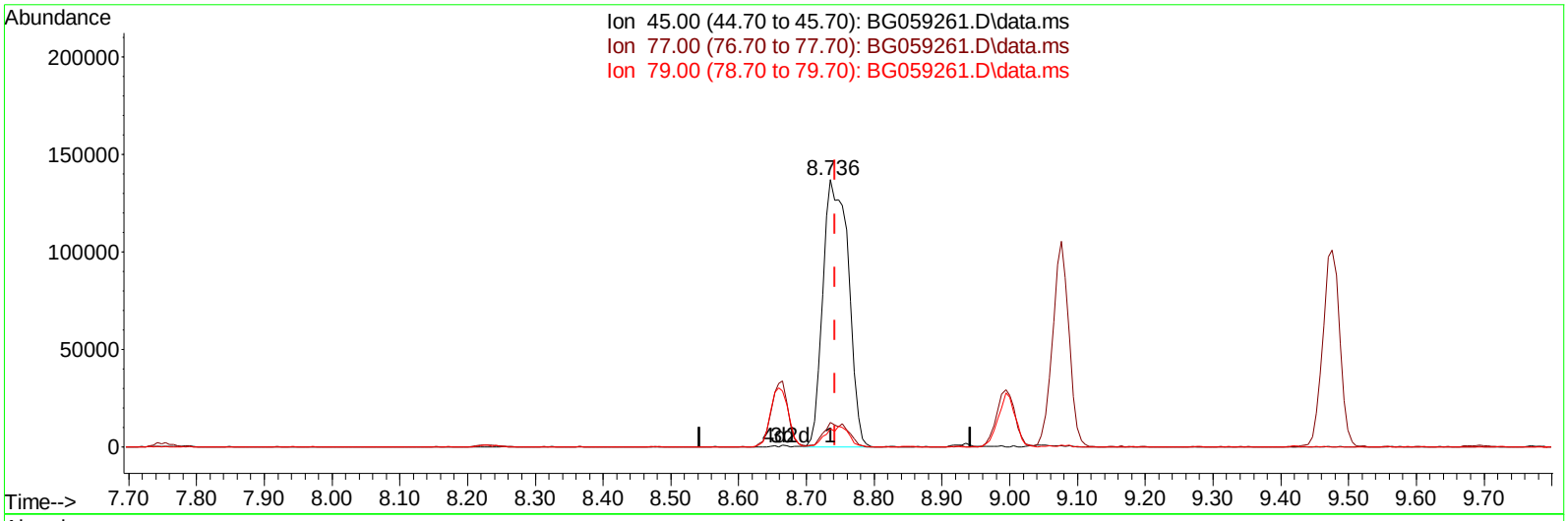

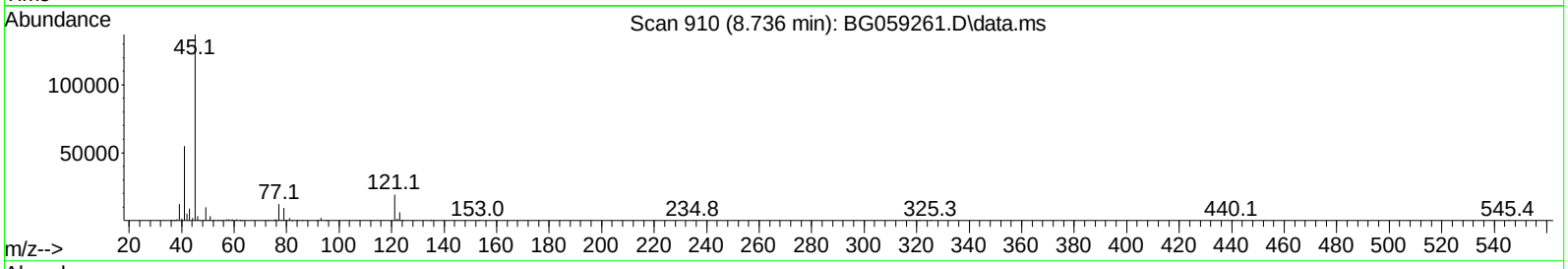

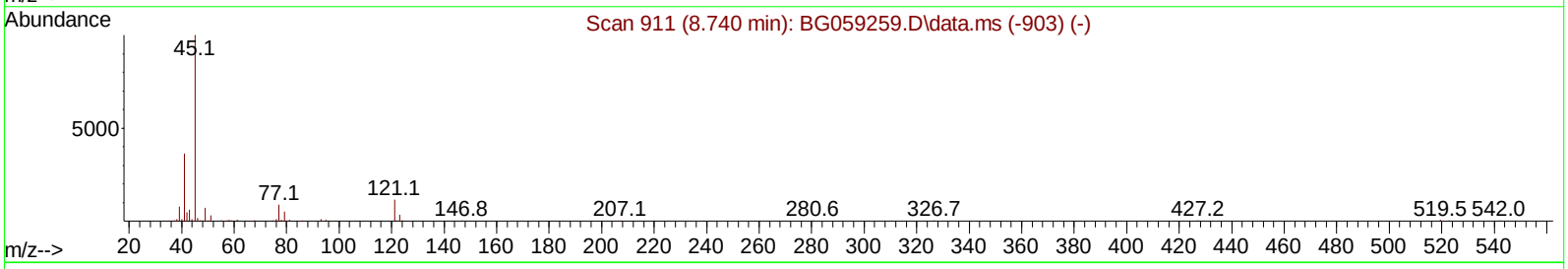

TIC: BG059261.D\data.ms

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

8.736min (-0.007) 36.48 ng/ul m

response 356976

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	8.20	9.07
79.00	7.40	6.73
0.00	0.00	0.00

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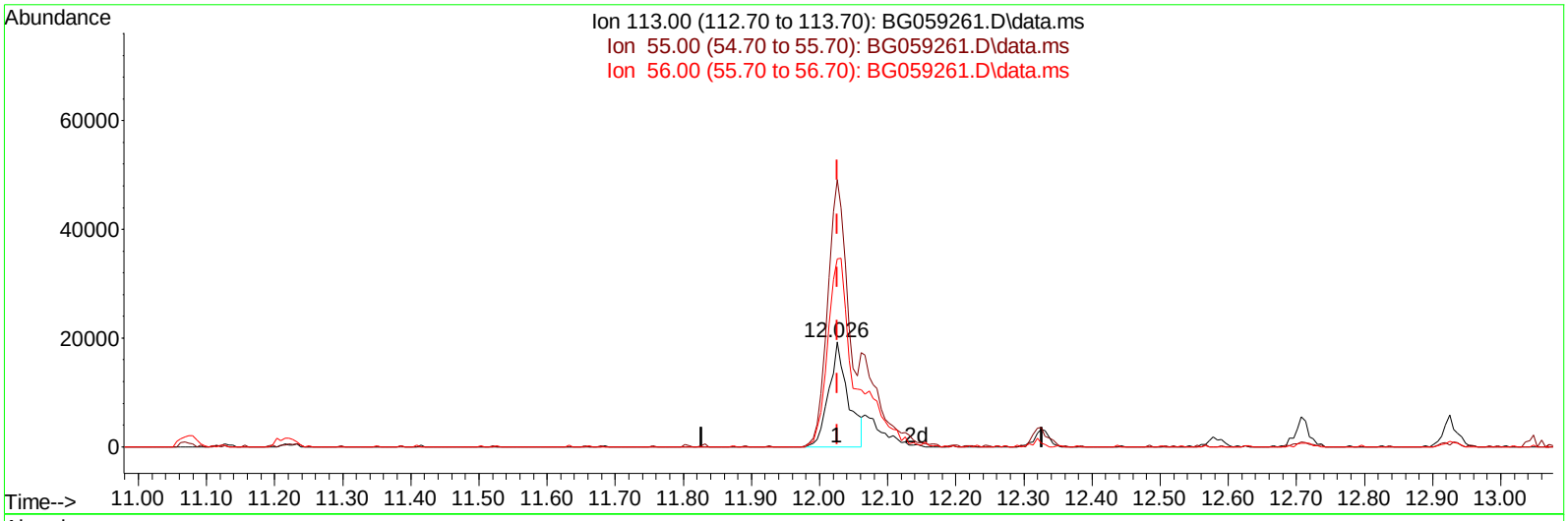

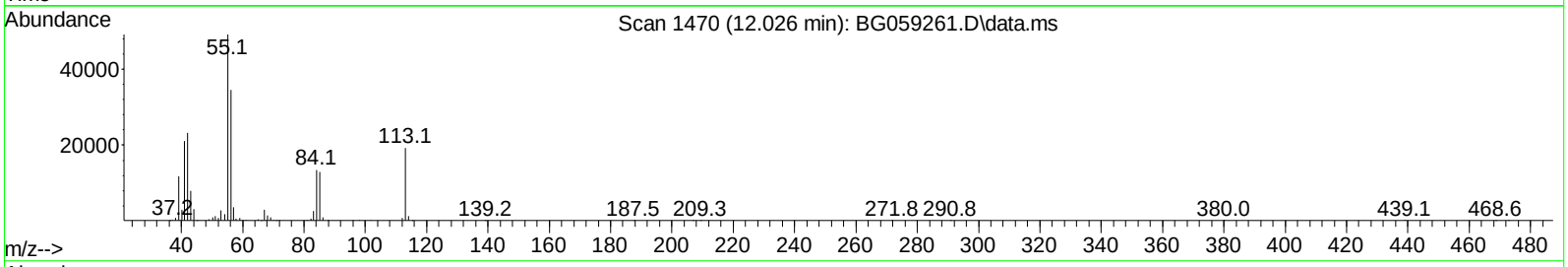

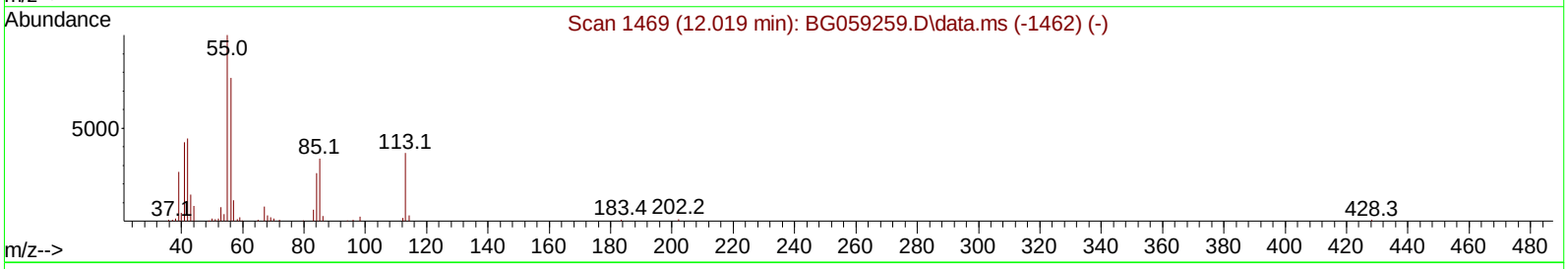

TIC: BG059261.D\data.ms

(34) Caprolactam

12.026min (-0.001) 30.22 ng/ul

response 37977

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	254.62
56.00	209.90	179.10
0.00	0.00	0.00

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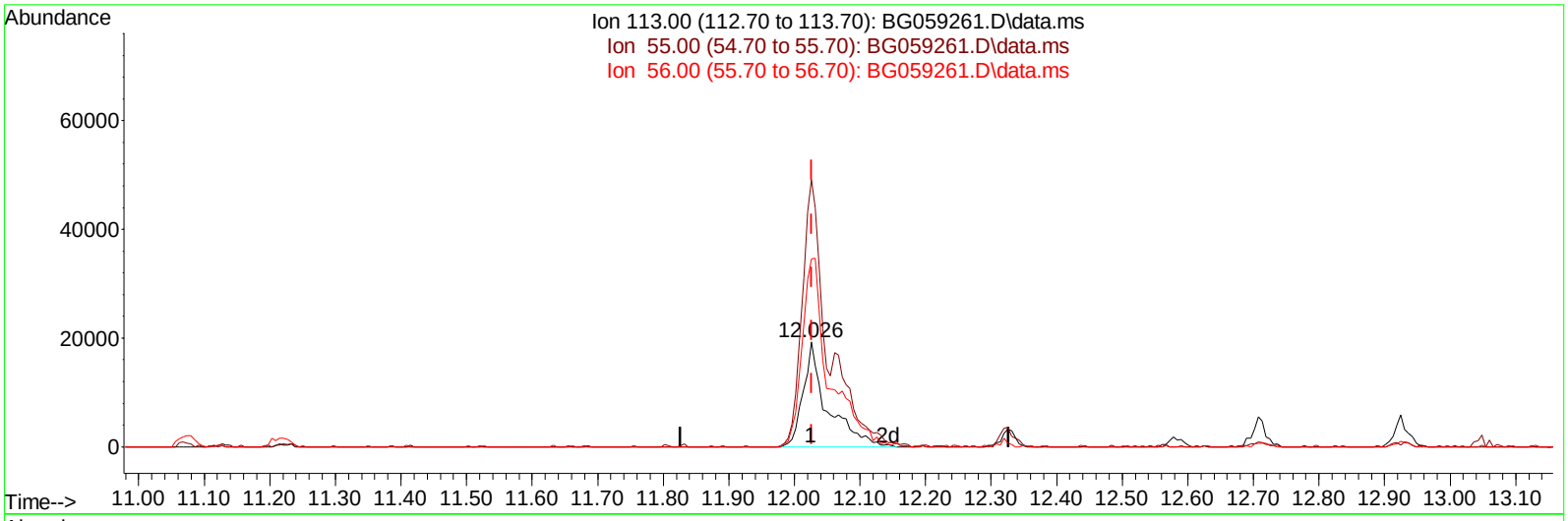

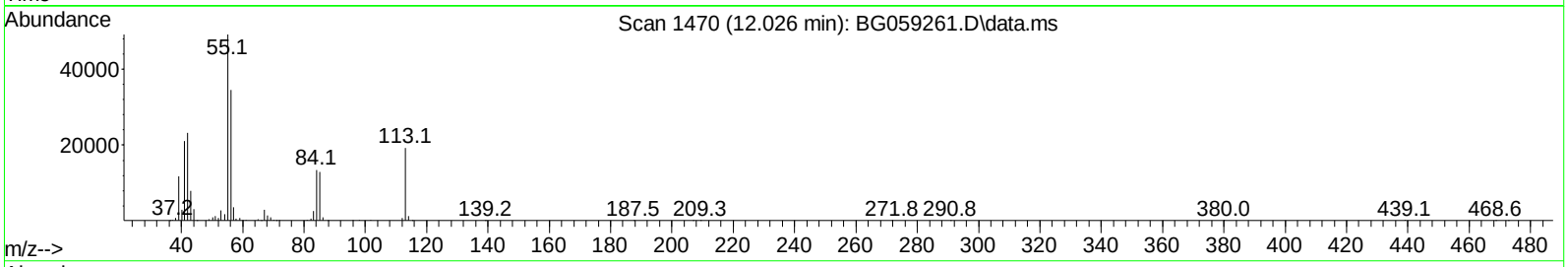

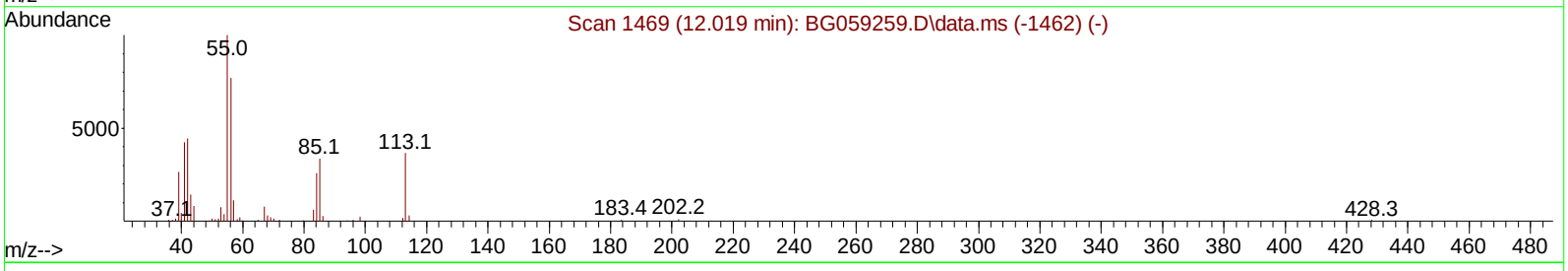

TIC: BG059261.D\data.ms

(34) Caprolactam

12.026min (-0.001) 39.43 ng/ul m

response 49547

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	264.10	254.62
56.00	209.90	179.10
0.00	0.00	0.00

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Quant Time: Oct 03 23:39:52 2023
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2023
Supervised By :mohammad ahmed 10/04/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	54201	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	256708	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.864	164	158599	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.613	188	349535	20.000	ng/ul	0.00
79) Chrysene-d12	21.914	240	305002	20.000	ng/ul	0.00
88) Perylene-d12	25.398	264	358280	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	9881	6.880	ng/uL	0.00
4) Pyridine-d5	3.965	84	147991	35.318	ng/ul	0.00
7) Phenol-d5	7.361	99	205032	37.791	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.555	67	122698	35.402	ng/ul	0.00
11) 2-Chlorophenol-d4	7.754	132	141306	38.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.929	113	152249	36.303	ng/ul	0.00
21) Nitrobenzene-d5	9.435	128	74134	40.924	ng/ul	0.00
24) 2-Nitrophenol-d4	10.146	143	81473	45.815	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.674	165	149187	40.838	ng/ul	0.00
31) 4-Chloroaniline-d4	11.221	131	203718	34.467	ng/ul	0.00
46) Dimethylphthalate-d6	14.264	166	438314	38.225	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	541081	37.594	ng/ul	0.00
54) 4-Nitrophenol-d4	15.057	143	78582	39.244	ng/ul	0.00
60) Fluorene-d10	15.857	176	399269	36.584	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.968	200	77094	42.909	ng/ul	0.00
73) Anthracene-d10	17.713	188	588046	36.922	ng/ul	0.00
81) Pyrene-d10	19.987	212	669003	39.168	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.157	264	676606	39.299	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	23320	13.821	ng/uL	84
5) Pyridine	3.982	79	139435	32.769	ng/ul	93
6) Benzaldehyde	7.378	77	97378	40.871	ng/ul	98
8) Phenol	7.390	94	206882	38.332	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.649	93	164840	37.240	ng/ul	100
12) 2-Chlorophenol	7.784	128	151158	39.310	ng/ul	98
13) 2-Methylphenol	8.659	108	147487	36.170	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.736	45	356976m	36.481	ng/ul	
16) Acetophenone	9.076	105	231451	35.634	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.041	70	122266	37.110	ng/ul	97
18) 4-Methylphenol	8.994	108	161720	37.432	ng/ul	97
19) Hexachloroethane	9.317	117	57446	37.921	ng/ul	92
22) Nitrobenzene	9.476	77	176003	39.360	ng/ul	96
23) Isophorone	9.981	82	372211	38.708	ng/ul	98
25) 2-Nitrophenol	10.181	139	88413	45.122	ng/ul	97
26) 2,4-Dimethylphenol	10.204	107	143986	34.367	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.463	93	232185	38.268	ng/ul	96
29) 2,4-Dichlorophenol	10.704	162	152565	42.013	ng/ul	96
30) Naphthalene	11.127	128	518199	37.649	ng/ul	97
32) 4-Chloroaniline	11.244	127	191558	33.892	ng/ul	90
33) Hexachlorobutadiene	11.350	225	94904	39.050	ng/ul#	85
34) Caprolactam	12.026	113	49547m	39.433	ng/ul	
35) 4-Chloro-3-methylphenol	12.325	107	155953	40.250	ng/ul	93

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/04/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.707	142	347042	38.489	ng/ul	99
37) 1-Methylnaphthalene	12.925	142	337225	36.849	ng/ul#	94
39) 1,2,4,5-Tetrachloroben...	13.054	216	176159	37.100	ng/ul	95
40) Hexachlorocyclopentadiene	13.007	237	97200	33.186	ng/ul	98
41) 2,4,6-Trichlorophenol	13.301	196	118247	40.676	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.371	196	128595	42.157	ng/ul	96
43) 1,1'-Biphenyl	13.700	154	486025	37.945	ng/ul	96
44) 2-Chloronaphthalene	13.753	162	373958	38.777	ng/ul	98
45) 2-Nitroaniline	13.976	65	125751	46.228	ng/ul	93
47) Dimethylphthalate	14.311	163	468146	39.860	ng/ul	99
48) 2,6-Dinitrotoluene	14.458	165	91815	45.963	ng/ul#	89
50) Acenaphthylene	14.599	152	603547	39.286	ng/ul	98
51) 3-Nitroaniline	14.793	138	93934	43.560	ng/ul#	99
52) Acenaphthene	14.928	153	402131	38.135	ng/ul	94
53) 2,4-Dinitrophenol	14.987	184	40904	36.836	ng/ul	92
55) 4-Nitrophenol	15.075	109	55938	39.603	ng/ul	81
56) Dibenzofuran	15.263	168	549977	39.346	ng/ul	99
57) 2,4-Dinitrotoluene	15.234	165	128826	43.555	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.475	232	115385	41.784	ng/ul	91
59) Diethylphthalate	15.657	149	439192	38.681	ng/ul	95
61) Fluorene	15.909	166	461587	39.329	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.892	204	231726	39.607	ng/ul	97
63) 4-Nitroaniline	15.956	138	96300	48.526	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.980	198	83781	44.225	ng/ul#	86
67) N-Nitrosodiphenylamine	16.115	169	377664	40.534	ng/ul	97
68) 4-Bromophenyl-phenylether	16.791	248	139338	41.149	ng/ul	98
69) Hexachlorobenzene	16.879	284	149334	39.036	ng/ul#	94
70) Atrazine	17.049	200	129037	36.422	ng/ul	97
71) Pentachlorophenol	17.237	266	87979	39.960	ng/ul	95
72) Phenanthrene	17.660	178	758986	39.567	ng/ul	99
74) Anthracene	17.748	178	771029	38.927	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.665	216	177069	38.442	ng/uL	91
76) Pentachlorobenzene	15.157	250	170549	37.499	ng/uL	98
77) Carbazole	18.025	167	648353	40.162	ng/ul	100
78) Di-n-butylphthalate	18.530	149	775406	40.520	ng/ul	100
80) Fluoranthene	19.652	202	866440	41.178	ng/ul	99
82) Pyrene	20.016	202	891134	39.984	ng/ul	98
83) Butylbenzylphthalate	20.868	149	337435	42.933	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.808	252	294750	41.729	ng/ul	97
85) Benzo(a)anthracene	21.897	228	879543	40.965	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.726	149	506572	42.446	ng/ul	95
87) Chrysene	21.967	228	820945	40.484	ng/ul	99
89) Di-n-octyl phthalate	23.019	149	869751	41.740	ng/ul	100
90) Benzo(b)fluoranthene	24.270	252	891924	40.645	ng/ul	97
91) Benzo(k)fluoranthene	24.347	252	918901	41.328	ng/ul	98
93) Benzo(a)pyrene	25.234	252	855034	41.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.411	276	964231	40.918	ng/ul	99
95) Dibenzo(a,h)anthracene	29.499	278	778303	40.614	ng/ul	99
96) Benzo(g,h,i)perylene	30.704	276	772876	40.337	ng/ul	98

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

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