Quantitation Report (Qedit)

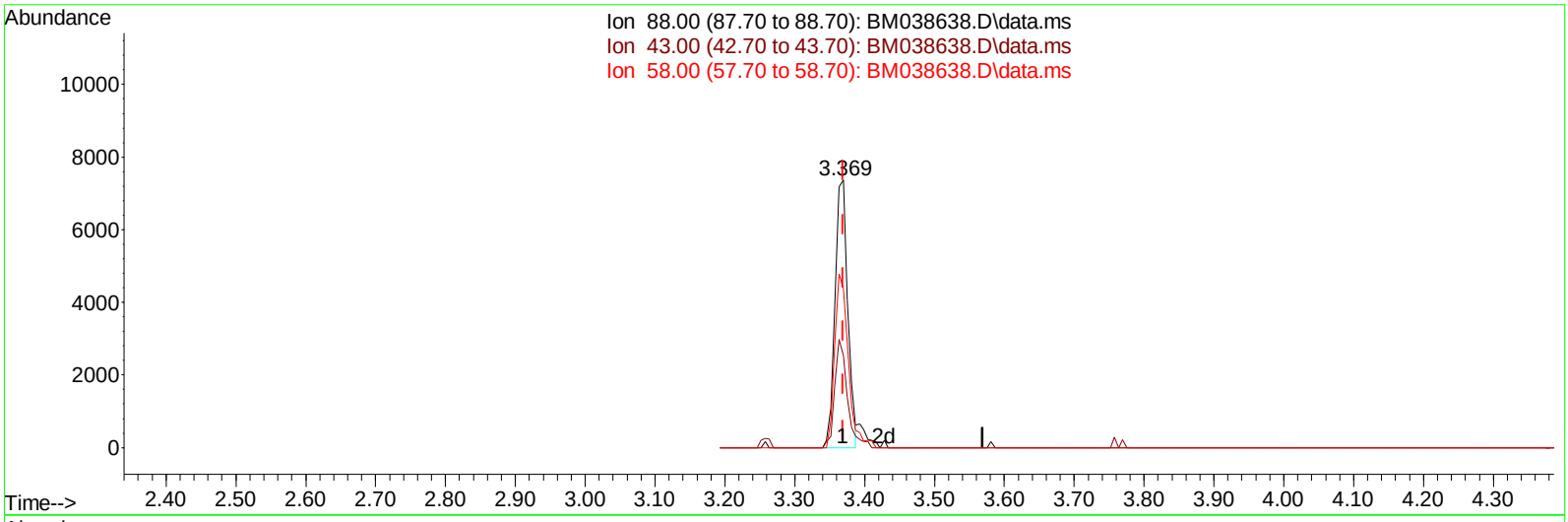
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013123\
Data File : BM038638.D
Acq On : 01 Feb 2023 03:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 27 Sample Multiplier: 1

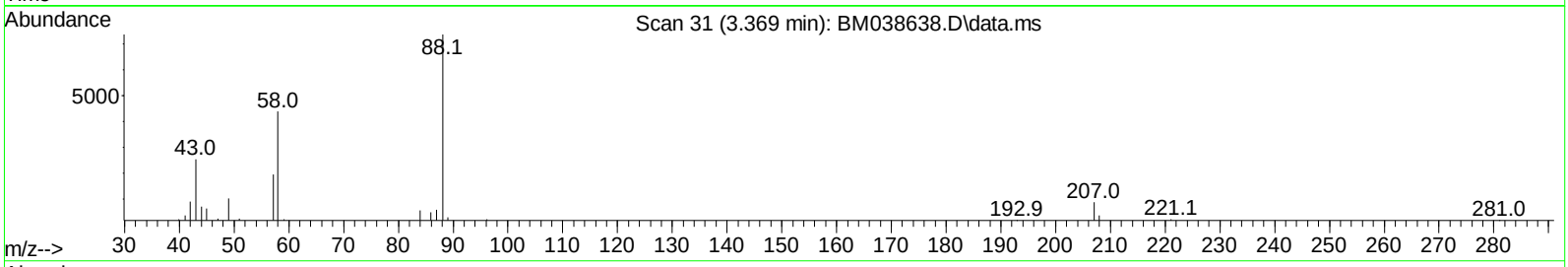
Quant Time: Feb 01 03:50:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM013023.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 31 01:02:54 2023
Response via : Initial Calibration

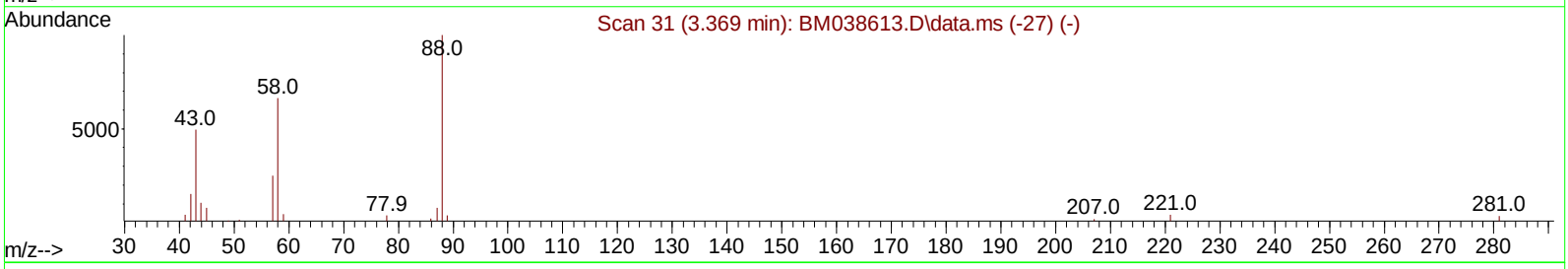
Instrument :
BNA_M
LabSampleId :
SSTDCCC020

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
Supervised By :mohammad ahmed 02/01/2023







TIC: BM038638.D\data.ms

(2) 1,4-Dioxane

3.369min (+ 0.000) 6.21 ng/uL

response 9200

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	42.30	34.44
58.00	65.10	59.42
0.00	0.00	0.00

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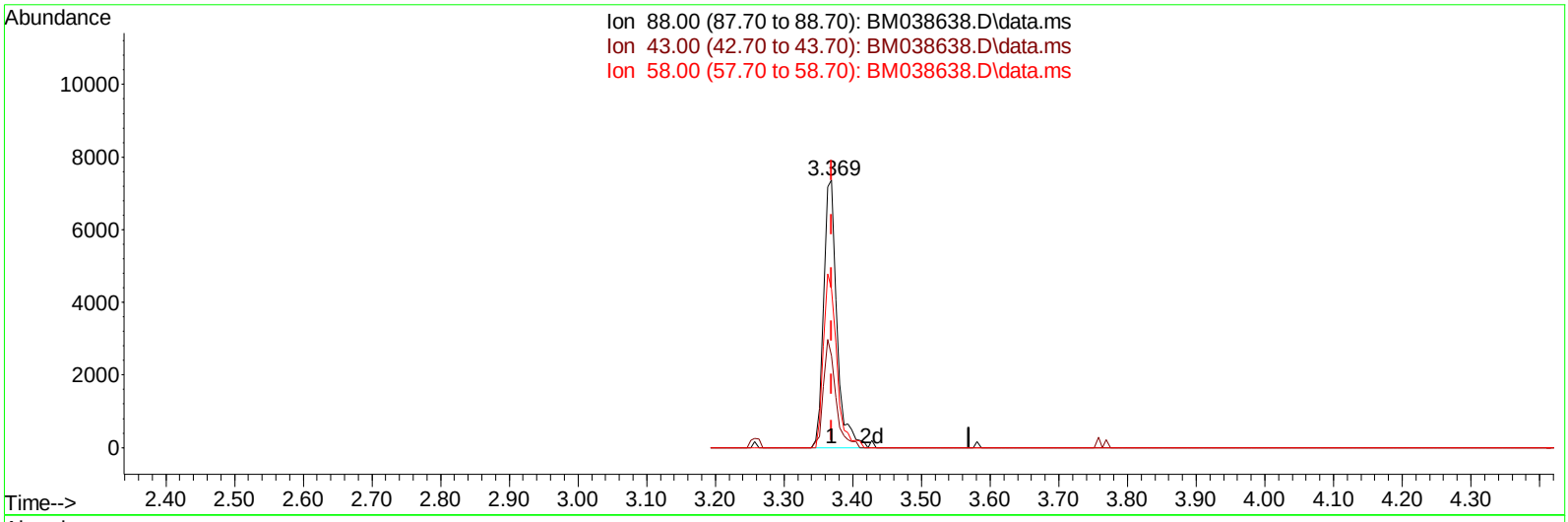

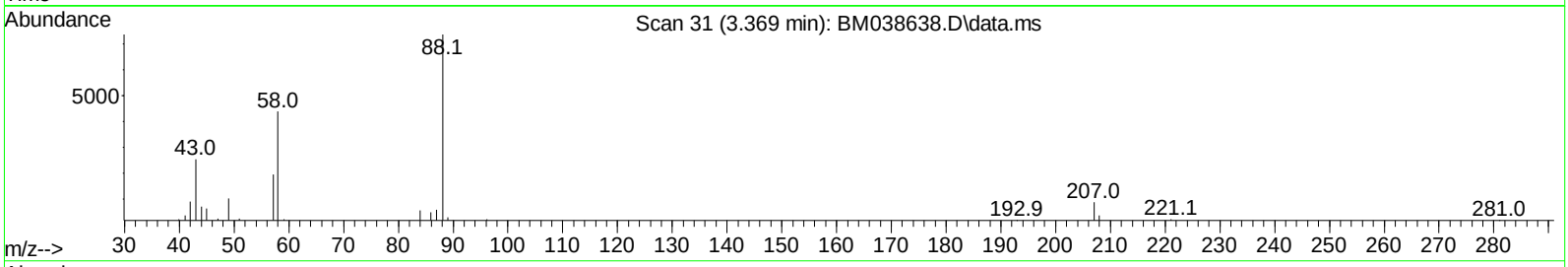

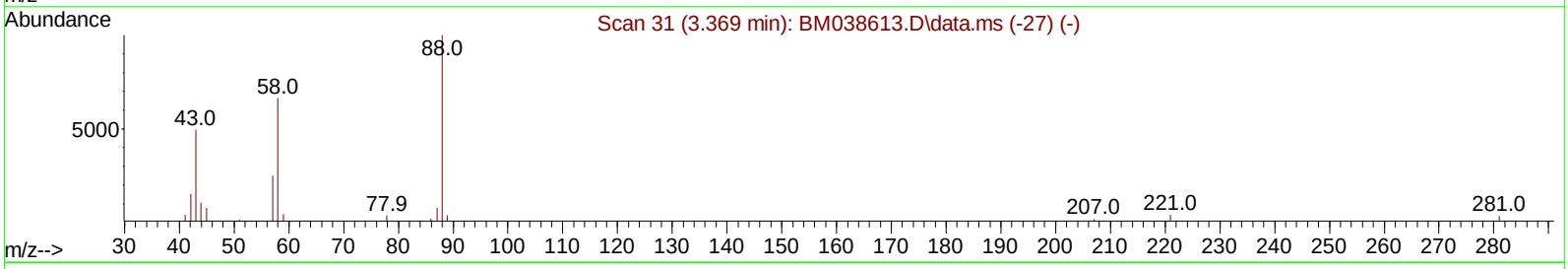

TIC: BM038638.D\data.ms

(2) 1,4-Dioxane

3.369min (+ 0.000) 6.63 ng/uL m

response 9809

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	42.30	34.44
58.00	65.10	59.42
0.00	0.00	0.00

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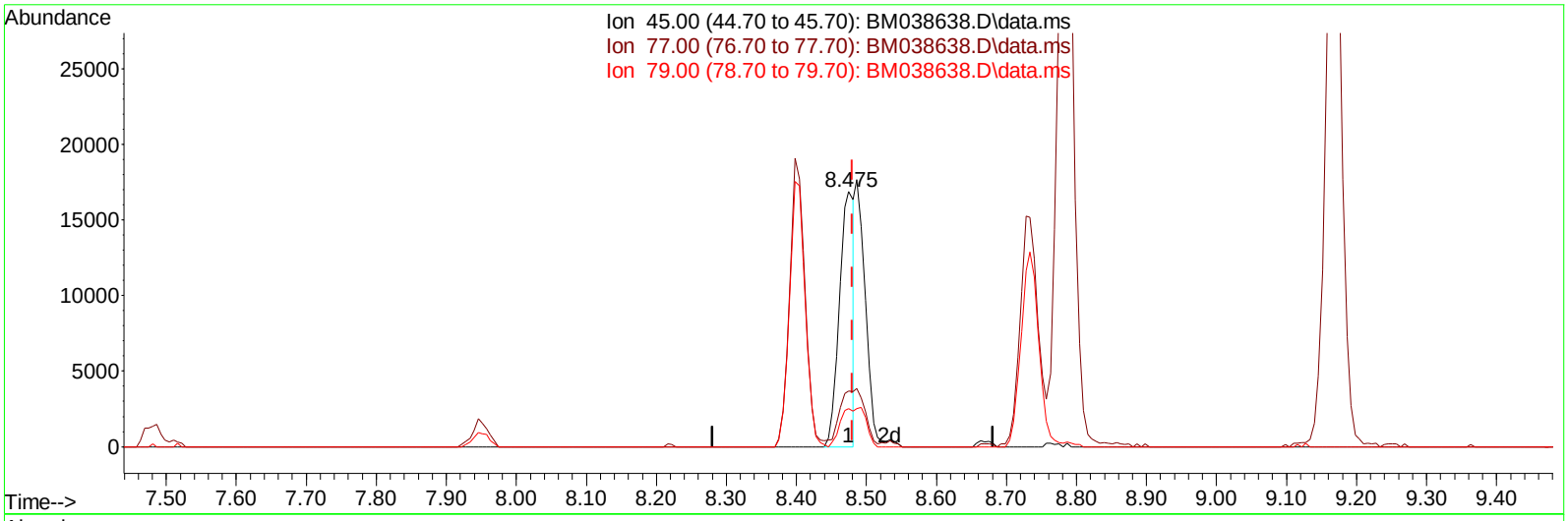

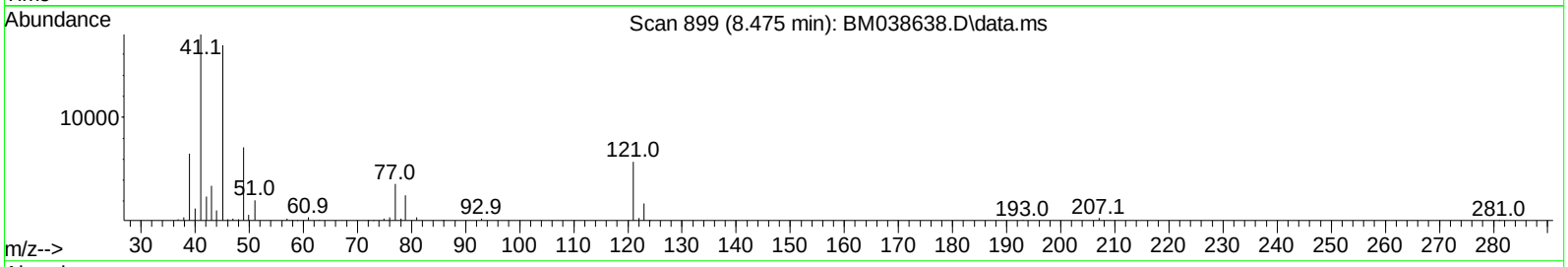

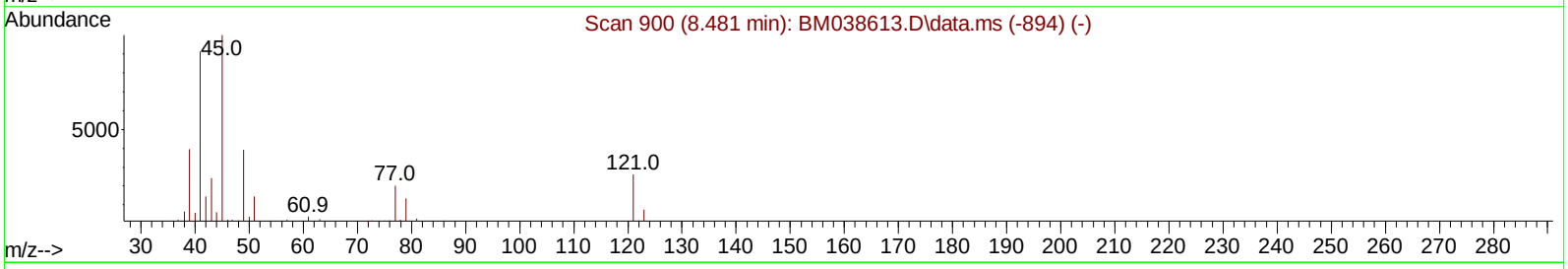

TIC: BM038638.D\data.ms

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

8.475min (-0.006) 10.05 ng/ul

response 24292

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	21.75
79.00	14.70	15.04
0.00	0.00	0.00

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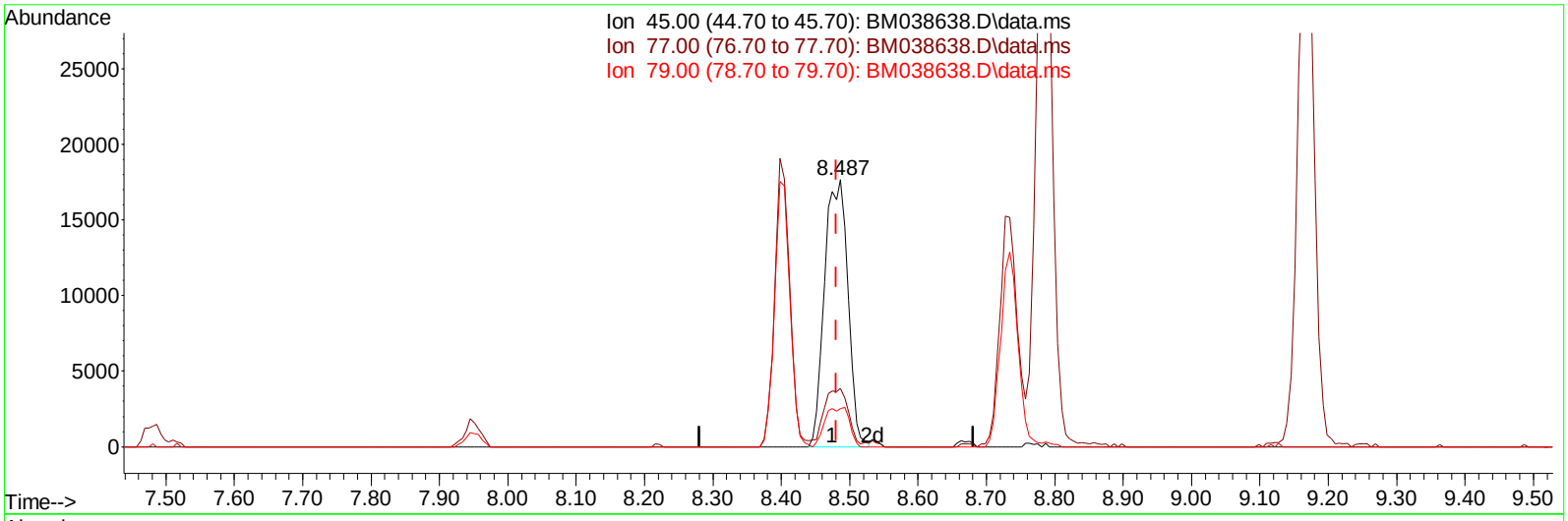

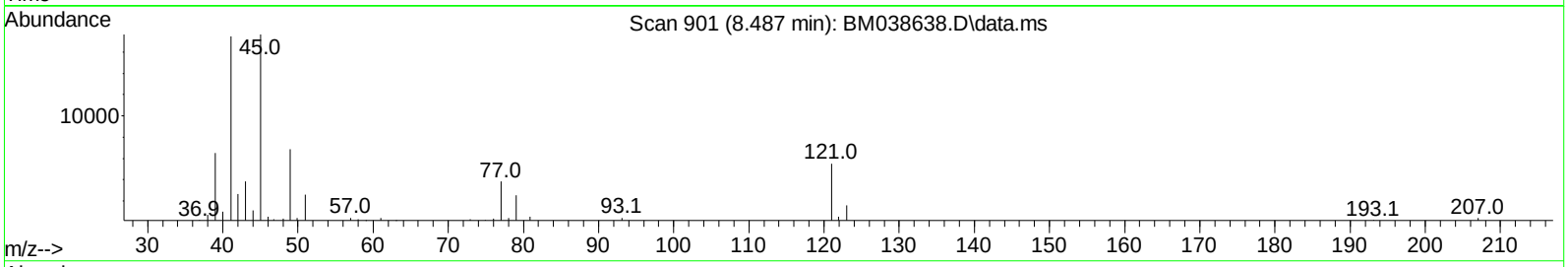

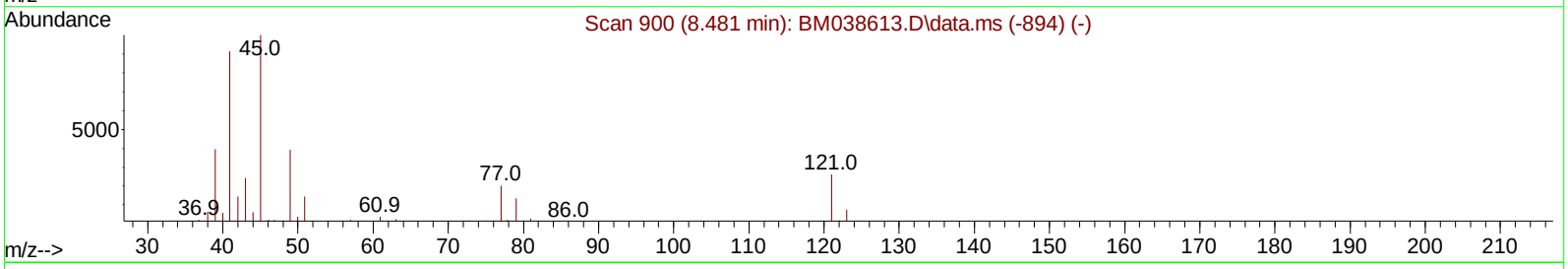

TIC: BM038638.D\data.ms

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

8.487min (+ 0.006) 17.35 ng/ul m

response 41926

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	21.10	21.76
79.00	14.70	14.31
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 02/01/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	48996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	145288	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.586	164	114244	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.327	188	260039	20.000	ng/ul	0.00
79) Chrysene-d12	21.503	240	256031	20.000	ng/ul	0.00
88) Perylene-d12	23.909	264	351190	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	9455	6.881	ng/uL	0.00
4) Pyridine-d5	3.763	84	57051	16.580	ng/ul	0.00
7) Phenol-d5	7.116	99	58290	17.823	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	32498	17.024	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	49829	18.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.669	113	44835	17.181	ng/ul	0.00
21) Nitrobenzene-d5	9.122	128	22415	20.353	ng/ul	0.00
24) 2-Nitrophenol-d4	9.845	143	31927	21.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.386	165	74468	23.136	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	55582	17.769	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	182043	19.290	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	201971	20.111	ng/ul	0.00
54) 4-Nitrophenol-d4	14.798	143	20006	15.324	ng/ul	0.00
60) Fluorene-d10	15.574	176	164888	19.538	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.704	200	38987	17.515	ng/ul	0.00
73) Anthracene-d10	17.427	188	255210	19.498	ng/ul	0.00
81) Pyrene-d10	19.715	212	281934	21.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.750	264	363939	20.190	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	9809m	6.625	ng/uL	
5) Pyridine	3.781	79	57910	16.388	ng/ul	89
6) Benzaldehyde	7.093	77	28504	18.902	ng/ul	93
8) Phenol	7.145	94	56595	17.284	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.375	93	42293	18.077	ng/ul#	85
12) 2-Chlorophenol	7.510	128	49881	18.328	ng/ul	95
13) 2-Methylphenol	8.398	108	42630	17.135	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.487	45	41926m	17.345	ng/ul	
16) Acetophenone	8.787	105	77709	16.856	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.769	70	37795	17.839	ng/ul#	95
18) 4-Methylphenol	8.734	108	46255	17.516	ng/ul	91
19) Hexachloroethane	9.028	117	23776	17.320	ng/ul#	72
22) Nitrobenzene	9.169	77	64379	19.423	ng/ul	97
23) Isophorone	9.692	82	100525	20.042	ng/ul#	94
25) 2-Nitrophenol	9.875	139	31575	21.903	ng/ul	91
26) 2,4-Dimethylphenol	9.934	107	61052	19.498	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.175	93	49749	19.453	ng/ul	99
29) 2,4-Dichlorophenol	10.410	162	69976	22.874	ng/ul	96
30) Naphthalene	10.810	128	142972	19.834	ng/ul	98
32) 4-Chloroaniline	10.933	127	56490	17.998	ng/ul	97
33) Hexachlorobutadiene	11.081	225	63080	19.841	ng/ul	98
34) Caprolactam	11.722	113	10838	18.007	ng/ul#	76
35) 4-Chloro-3-methylphenol	12.051	107	47590	19.693	ng/ul#	83

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	113066	21.088	ng/ul	96
37) 1-Methylnaphthalene	12.633	142	115610	20.888	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.780	216	102985	18.313	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	74231	18.498	ng/ul	97
41) 2,4,6-Trichlorophenol	13.027	196	69210	20.214	ng/ul	94
42) 2,4,5-Trichlorophenol	13.098	196	71260	19.489	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	172669	19.656	ng/ul	98
44) 2-Chloronaphthalene	13.469	162	149129	20.435	ng/ul#	90
45) 2-Nitroaniline	13.680	65	31983	16.386	ng/ul	94
47) Dimethylphthalate	14.045	163	176367	18.993	ng/ul	98
48) 2,6-Dinitrotoluene	14.174	165	35664	20.737	ng/ul#	79
50) Acenaphthylene	14.310	152	192862	19.204	ng/ul	99
51) 3-Nitroaniline	14.504	138	20277	16.380	ng/ul	93
52) Acenaphthene	14.651	153	137782	18.432	ng/ul	97
53) 2,4-Dinitrophenol	14.716	184	24101	17.432	ng/ul#	81
55) 4-Nitrophenol	14.816	109	30570	13.957	ng/ul#	86
56) Dibenzofuran	14.986	168	214677	19.309	ng/ul#	85
57) 2,4-Dinitrotoluene	14.963	165	48669	19.200	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.210	232	55746	17.413	ng/ul#	94
59) Diethylphthalate	15.398	149	147978	16.998	ng/ul	96
61) Fluorene	15.633	166	176086	18.806	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.621	204	115962	17.601	ng/ul	93
63) 4-Nitroaniline	15.668	138	17235	16.887	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.721	198	37522	17.862	ng/ul#	87
67) N-Nitrosodiphenylamine	15.839	169	145442	19.838	ng/ul	98
68) 4-Bromophenyl-phenylether	16.515	248	67627	18.457	ng/ul	94
69) Hexachlorobenzene	16.627	284	80718	18.872	ng/ul#	92
70) Atrazine	16.792	200	64533	17.543	ng/ul	96
71) Pentachlorophenol	16.980	266	45931	16.788	ng/ul	92
72) Phenanthrene	17.368	178	270979	19.940	ng/ul	99
74) Anthracene	17.462	178	275517	19.361	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.386	216	97906	19.589	ng/uL	97
76) Pentachlorobenzene	14.898	250	100108	19.249	ng/uL	99
77) Carbazole	17.739	167	209279	16.943	ng/ul	95
78) Di-n-butylphthalate	18.286	149	205786	17.220	ng/ul	98
80) Fluoranthene	19.380	202	331412	21.673	ng/ul#	98
82) Pyrene	19.745	202	350081	21.573	ng/ul#	96
83) Butylbenzylphthalate	20.633	149	93326	19.938	ng/ul#	90
84) 3,3'-Dichlorobenzidine	21.421	252	120142	19.101	ng/ul#	97
85) Benzo(a)anthracene	21.486	228	351830	19.399	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	126447	18.985	ng/ul	92
87) Chrysene	21.539	228	330515	19.688	ng/ul	100
89) Di-n-octyl phthalate	22.321	149	240457	16.167	ng/ul	100
90) Benzo(b)fluoranthene	23.174	252	443251	20.415	ng/ul	99
91) Benzo(k)fluoranthene	23.221	252	422499	19.522	ng/ul	97
93) Benzo(a)pyrene	23.803	252	394799	19.635	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.415	276	607540	19.116	ng/ul	98
95) Dibenzo(a,h)anthracene	26.421	278	502630	18.634	ng/ul	97
96) Benzo(g,h,i)perylene	27.179	276	490646	19.020	ng/ul#	99

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

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