Quantitation Report (Qedit)

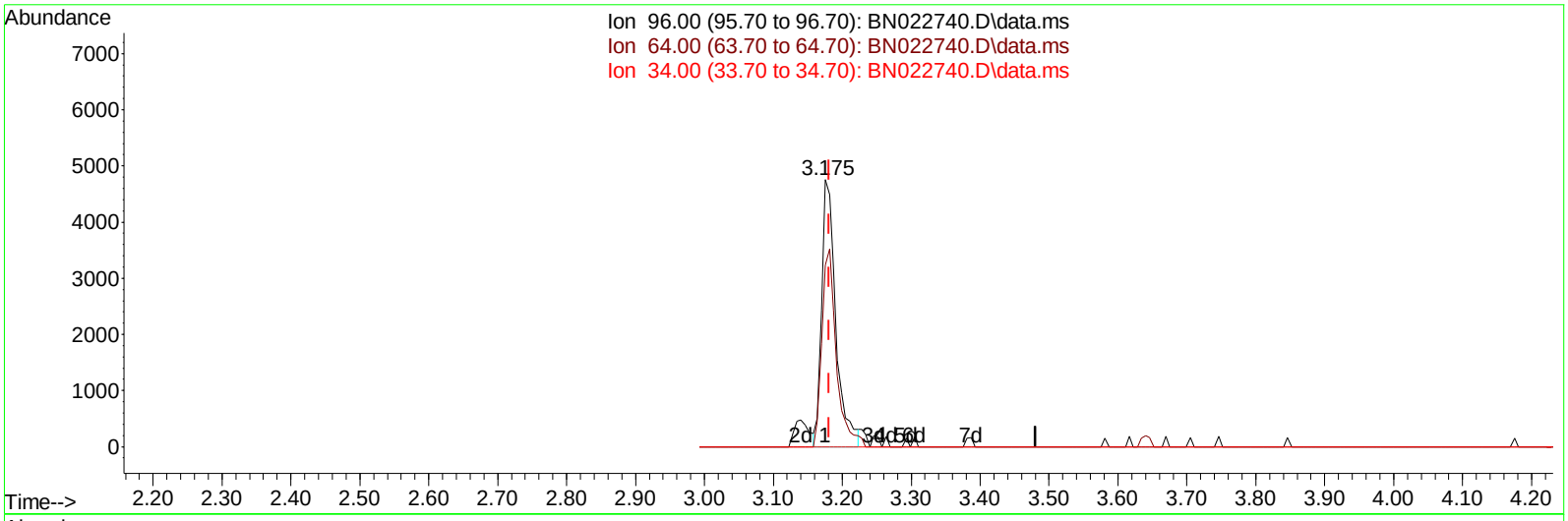
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111722\
Data File : BN022740.D
Acq On : 18 Nov 2022 03:29
Operator : CG/JU
Sample : N5593-14MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

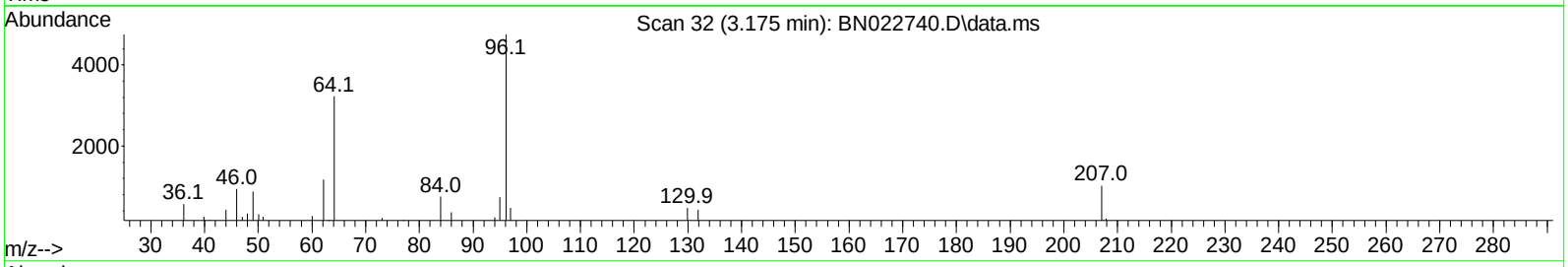
Quant Time: Nov 18 04:18:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 17 22:16:17 2022
Response via : Initial Calibration

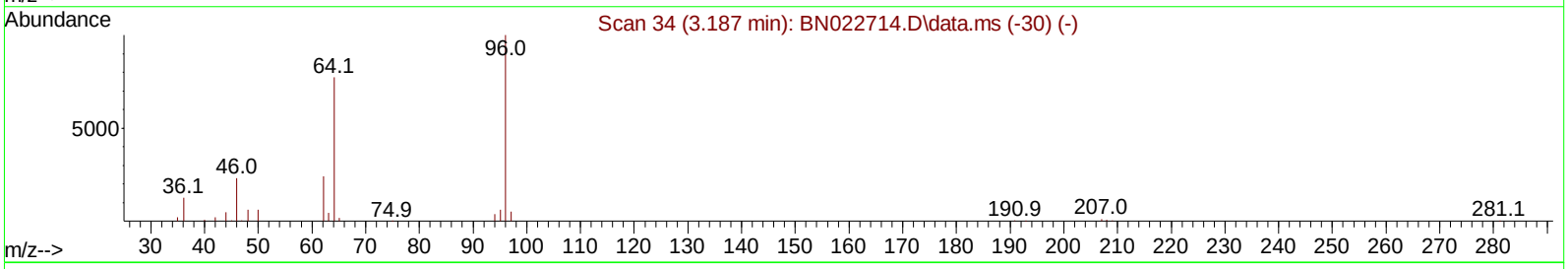
Instrument :
BNA_N
ClientSampleId :
H0AE2MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
Supervised By :mohammad ahmed 11/21/2022







TIC: BN022740.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.006) 4.05 ng/uL

response 6861

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	68.03
34.00	0.00	0.00
0.00	0.00	0.00

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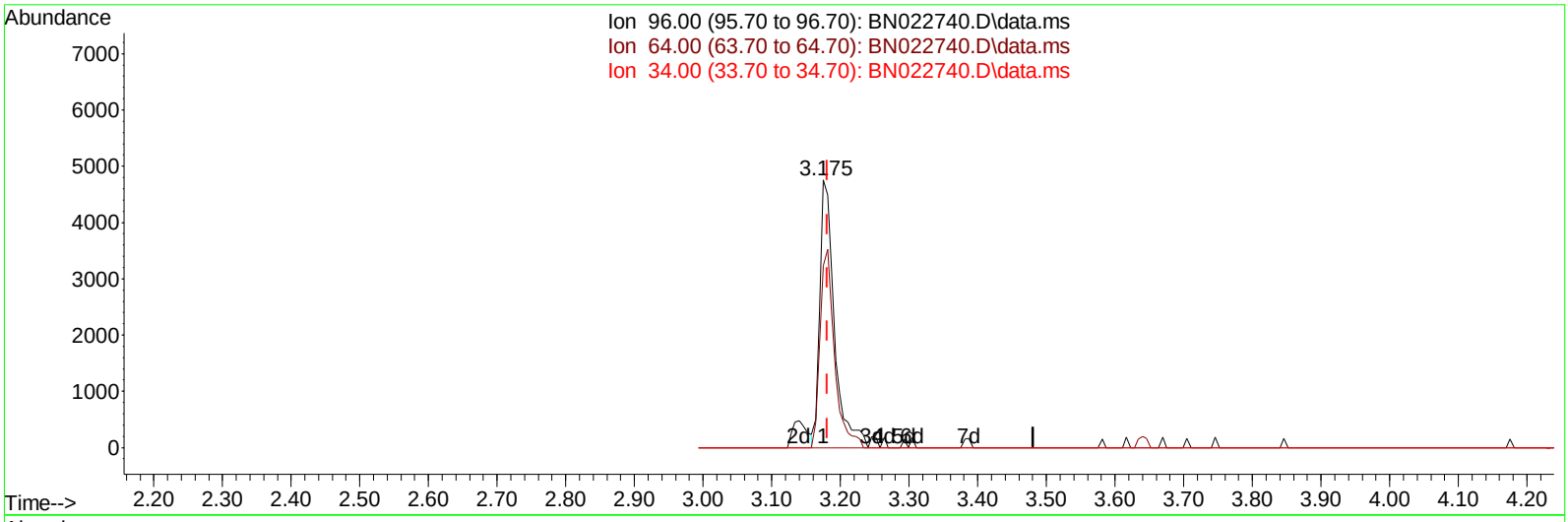

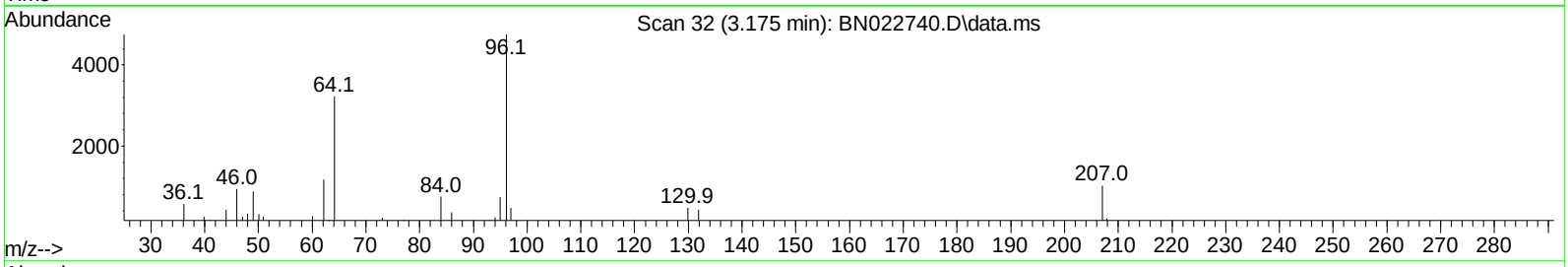

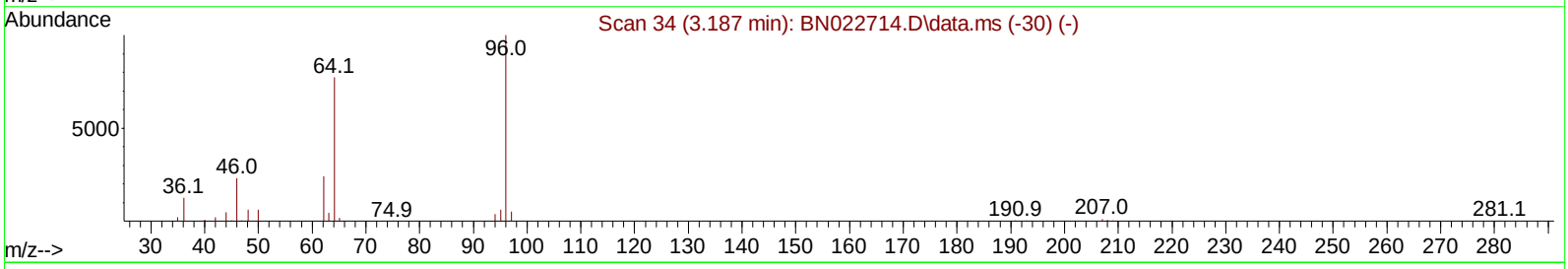

TIC: BN022740.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.175min (-0.006) 4.16 ng/uL m

response 7047

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	77.50	68.03
34.00	0.00	0.00
0.00	0.00	0.00

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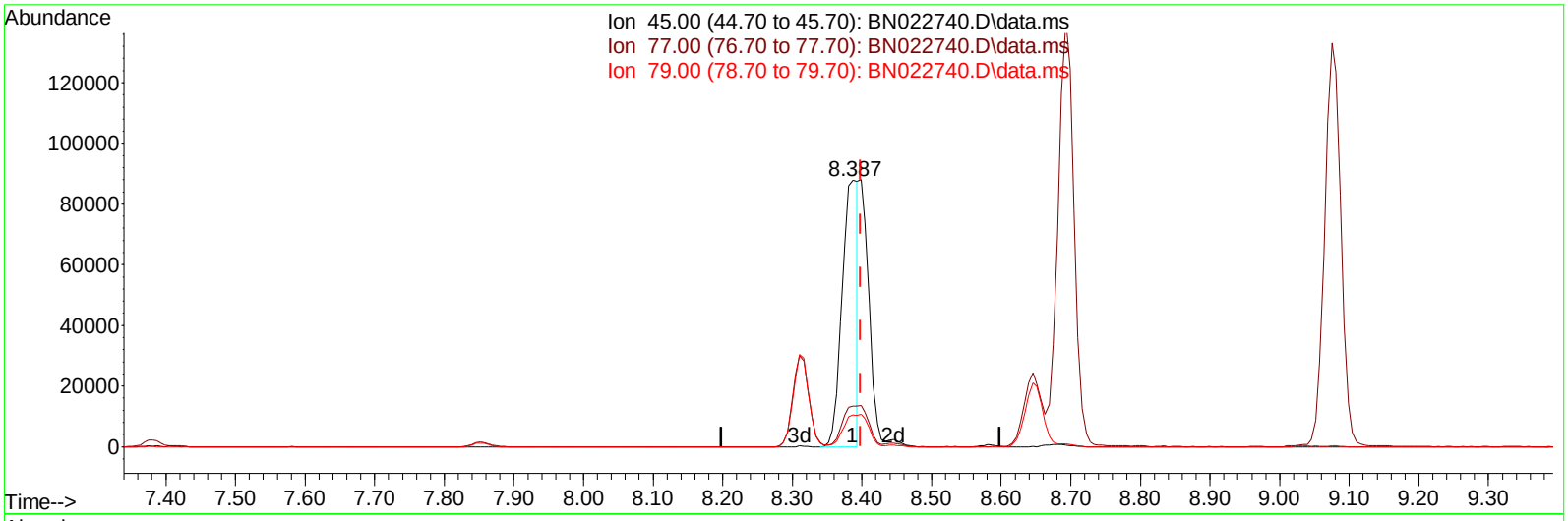

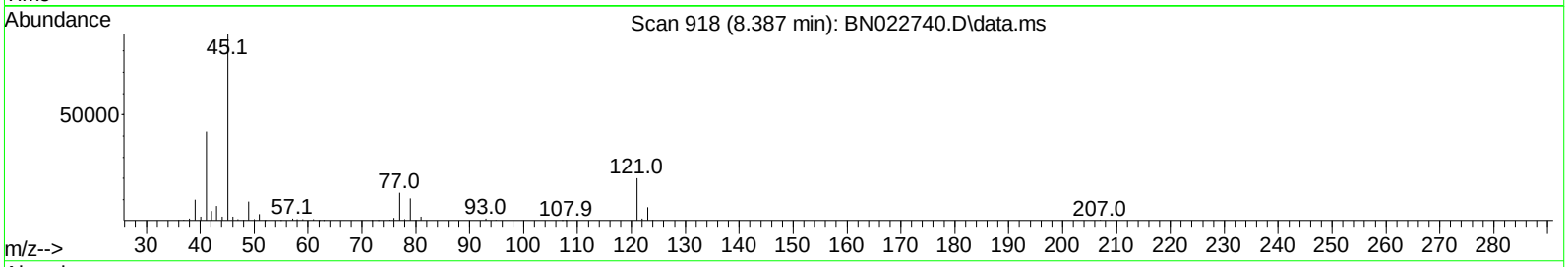

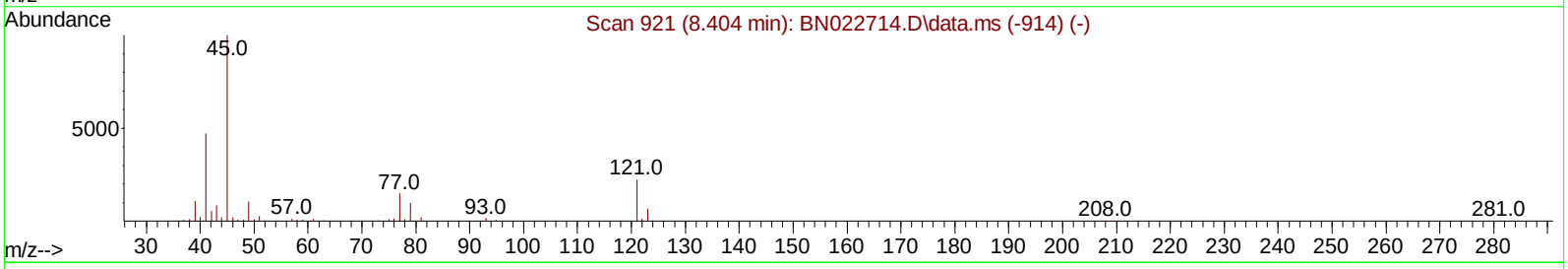

TIC: BN022740.D\data.ms

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

8.387min (-0.012) 23.73 ng/ul

response 138929

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.20	15.17
79.00	11.90	11.91
0.00	0.00	0.00

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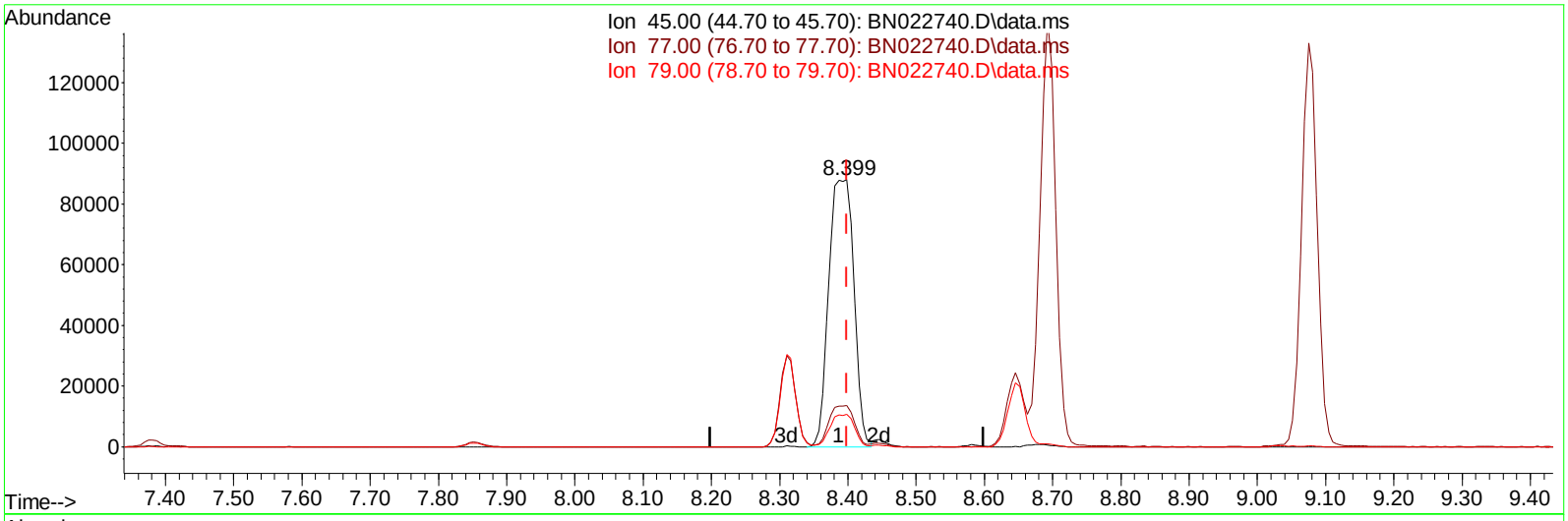

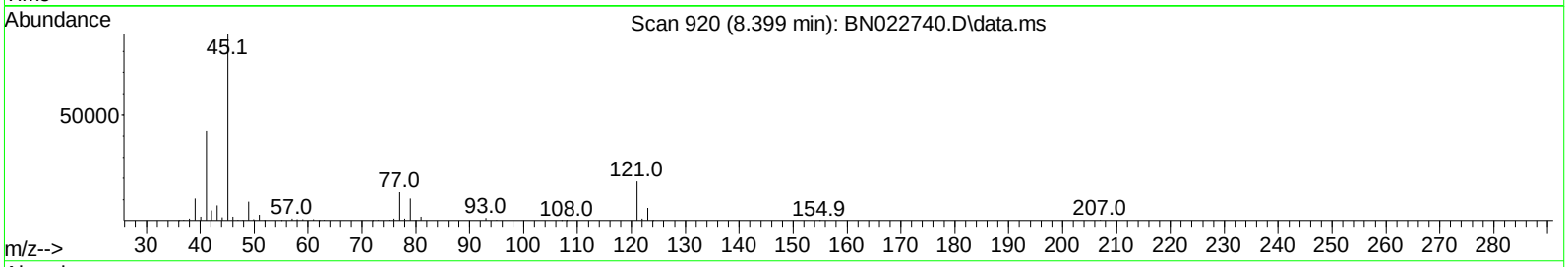

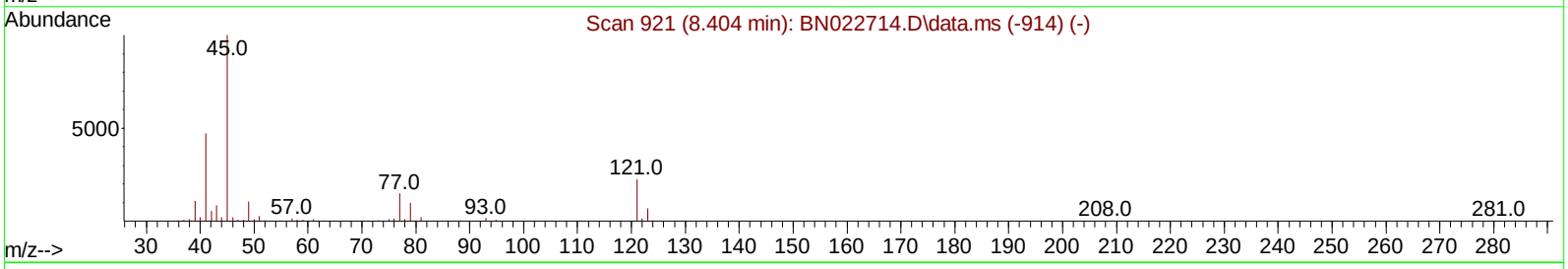

TIC: BN022740.D\data.ms

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

8.399min (-0.000) 38.27 ng/ul m

response 224055

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.20	15.47
79.00	11.90	12.05
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/18/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	57855	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	286863	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	195557	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	409665	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	406756	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	428458	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	7047m	4.159	ng/uL	0.00
4) Pyridine-d5	3.616	84	59188	12.351	ng/ul	0.00
7) Phenol-d5	7.022	99	56822	10.399	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	130166	39.730	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	124473	31.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.581	113	101362	23.497	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	86851	39.114	ng/ul	0.00
24) 2-Nitrophenol-d4	9.757	143	90467	36.514	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	149971	35.506	ng/ul	0.00
31) 4-Chloroaniline-d4	10.822	131	216475	33.647	ng/ul	0.00
46) Dimethylphthalate-d6	13.945	166	596012	41.902	ng/ul	0.00
49) Acenaphthylene-d8	14.222	160	621456	39.653	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	32318	11.397	ng/ul	0.00
60) Fluorene-d10	15.522	176	479265	41.082	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	106450	40.881	ng/ul	0.00
73) Anthracene-d10	17.380	188	769953	42.922	ng/ul	0.00
81) Pyrene-d10	19.686	212	883381	41.907	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.733	264	914067	42.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	15130	8.390	ng/uL#	95
5) Pyridine	3.640	79	59934	12.613	ng/ul	98
6) Benzaldehyde	6.993	77	129018	46.668	ng/ul	99
8) Phenol	7.052	94	57160	10.044	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.281	93	159302	35.922	ng/ul	98
12) 2-Chlorophenol	7.416	128	123237	28.841	ng/ul	99
13) 2-Methylphenol	8.310	108	102383	24.169	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	224055m	38.275	ng/ul	
16) Acetophenone	8.693	105	267066	38.788	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.675	70	148206	40.388	ng/ul	98
18) 4-Methylphenol	8.646	108	102893	22.369	ng/ul	99
19) Hexachloroethane	8.934	117	62122	34.338	ng/ul	98
22) Nitrobenzene	9.075	77	217405	36.139	ng/ul	100
23) Isophorone	9.604	82	433476	37.670	ng/ul	100
25) 2-Nitrophenol	9.793	139	92651	34.014	ng/ul	98
26) 2,4-Dimethylphenol	9.851	107	183171	31.349	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.093	93	243152	36.642	ng/ul	99
29) 2,4-Dichlorophenol	10.328	162	144981	33.772	ng/ul	98
30) Naphthalene	10.722	128	533848	35.062	ng/ul	98
32) 4-Chloroaniline	10.846	127	207496	30.882	ng/ul	97
33) Hexachlorobutadiene	10.998	225	90289	34.169	ng/ul	96
34) Caprolactam	11.651	113	9778	6.004	ng/ul	97
35) 4-Chloro-3-methylphenol	11.975	107	184765	33.000	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.340	142	374510	36.106	ng/ul	98
37) 1-Methylnaphthalene	12.563	142	385838	37.108	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.710	216	171955	32.760	ng/ul	99
40) Hexachlorocyclopentadiene	12.681	237	74488	24.306	ng/ul	92
41) 2,4,6-Trichlorophenol	12.957	196	128236	34.409	ng/ul	98
42) 2,4,5-Trichlorophenol	13.034	196	141545	35.866	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	509622	35.503	ng/ul	99
44) 2-Chloronaphthalene	13.398	162	394299	35.252	ng/ul	98
45) 2-Nitroaniline	13.622	65	157122	38.681	ng/ul	98
47) Dimethylphthalate	13.992	163	573068	38.332	ng/ul	98
48) 2,6-Dinitrotoluene	14.122	165	121392	40.112	ng/ul	97
50) Acenaphthylene	14.251	152	644152	36.791	ng/ul	99
51) 3-Nitroaniline	14.451	138	118581	36.391	ng/ul	100
52) Acenaphthene	14.592	153	453289	36.490	ng/ul	98
53) 2,4-Dinitrophenol	14.657	184	72236	34.155	ng/ul	95
55) 4-Nitrophenol	14.763	109	29977	10.665	ng/ul	99
56) Dibenzofuran	14.928	168	608846	37.095	ng/ul	99
57) 2,4-Dinitrotoluene	14.904	165	181964	41.289	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	126792	37.512	ng/ul	97
59) Diethylphthalate	15.351	149	638380	40.287	ng/ul	99
61) Fluorene	15.581	166	540142	39.407	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.569	204	242344	37.509	ng/ul	94
63) 4-Nitroaniline	15.616	138	123282	42.424	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.669	198	98521	36.605	ng/ul	95
67) N-Nitrosodiphenylamine	15.792	169	457128	37.269	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	156982	38.913	ng/ul	98
69) Hexachlorobenzene	16.581	284	187272	39.712	ng/ul	90
70) Atrazine	16.751	200	172753	39.513	ng/ul	95
71) Pentachlorophenol	16.933	266	106637	35.591	ng/ul	95
72) Phenanthrene	17.328	178	856991	38.812	ng/ul	98
74) Anthracene	17.416	178	868753	38.843	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.322	216	180999	33.504	ng/uL	98
76) Pentachlorobenzene	14.845	250	194654	33.385	ng/uL	97
77) Carbazole	17.698	167	824740	39.687	ng/ul	100
78) Di-n-butylphthalate	18.251	149	1146727	38.773	ng/ul	99
80) Fluoranthene	19.351	202	1016264	38.628	ng/ul	98
82) Pyrene	19.716	202	1038062	38.518	ng/ul	99
83) Butylbenzylphthalate	20.616	149	546778	39.858	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.410	252	256998	28.635	ng/ul	93
85) Benzo(a)anthracene	21.474	228	1036367	38.583	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	826092	40.799	ng/ul	99
87) Chrysene	21.527	228	962470	37.838	ng/ul	97
89) Di-n-octyl phthalate	22.316	149	1436537	38.122	ng/ul	100
90) Benzo(b)fluoranthene	23.157	252	1111549	38.282	ng/ul	95
91) Benzo(k)fluoranthene	23.204	252	1040763	37.761	ng/ul	97
93) Benzo(a)pyrene	23.786	252	938549	38.134	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.398	276	647236	23.123	ng/ul	97
95) Dibenzo(a,h)anthracene	26.421	278	1041379	41.510	ng/ul	95
96) Benzo(g,h,i)perylene	27.180	276	994983	40.769	ng/ul	97

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

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