Quantitation Report (Qedit)

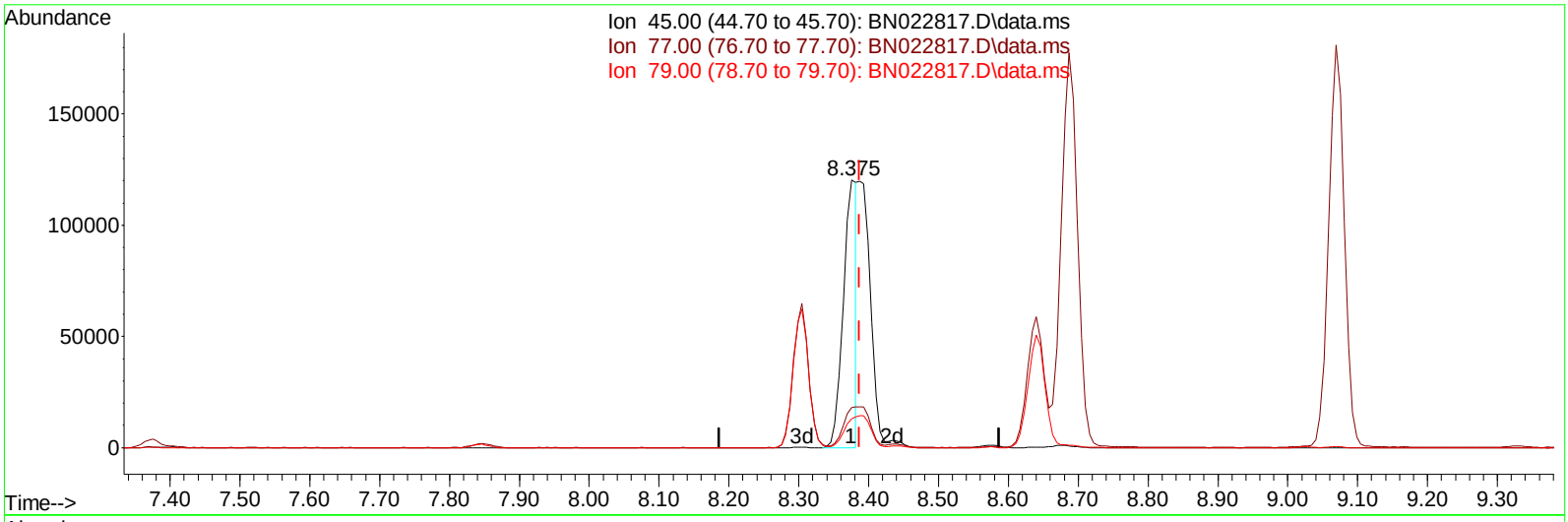
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
Data File : BN022817.D
Acq On : 22 Nov 2022 10:06
Operator : CG/JU
Sample : PB149195BS
Misc :
ALS Vial : 39 Sample Multiplier: 1

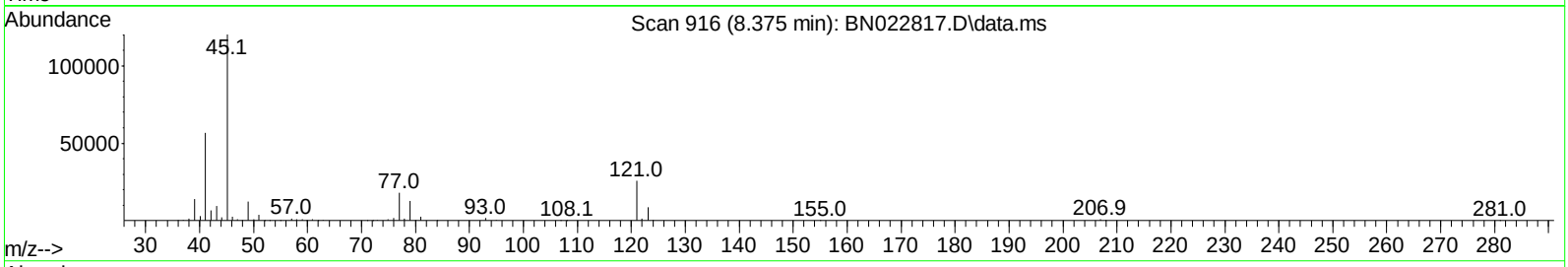
Quant Time: Nov 23 05:37:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111522.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 22 05:15:51 2022
Response via : Initial Calibration

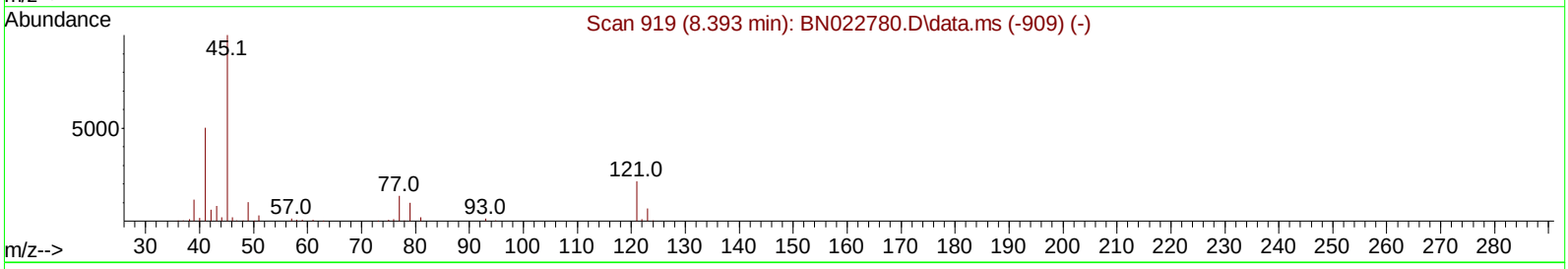
Instrument :
BNA_N
ClientSampleId :
SLCS195

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/23/2022
Supervised By :mohammad ahmed 11/25/2022







TIC: BN022817.D\data.ms

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

8.375min (-0.012) 21.98 ng/ul

response 159759

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.20	15.01
79.00	11.90	10.65
0.00	0.00	0.00

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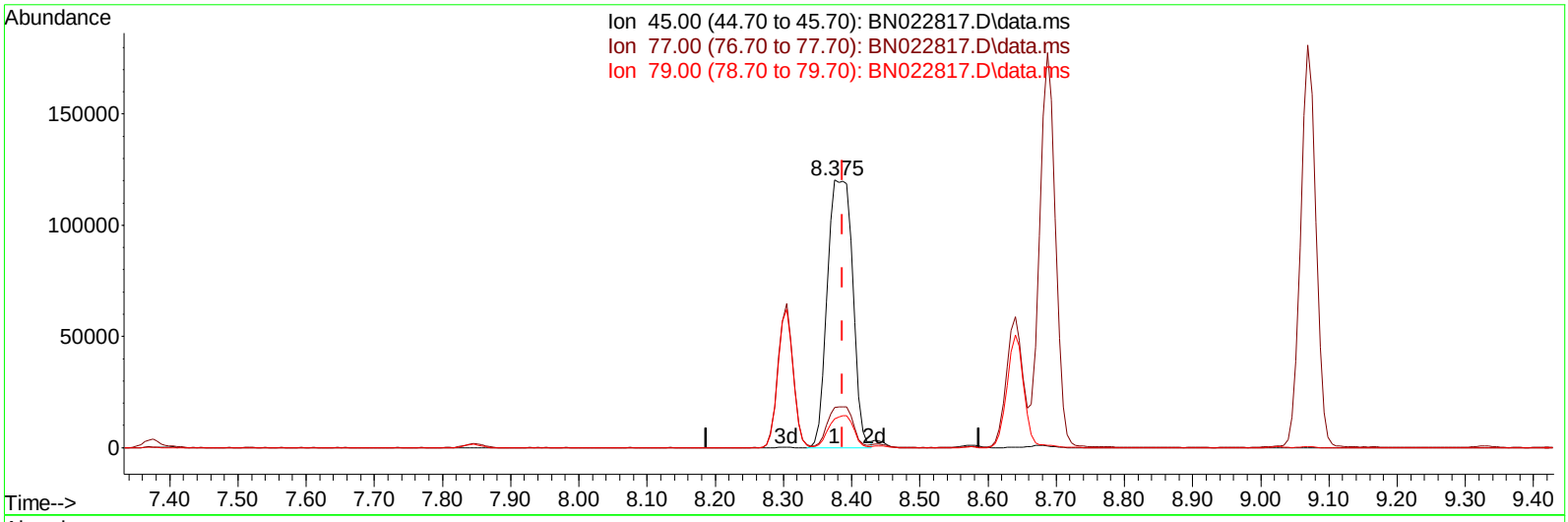

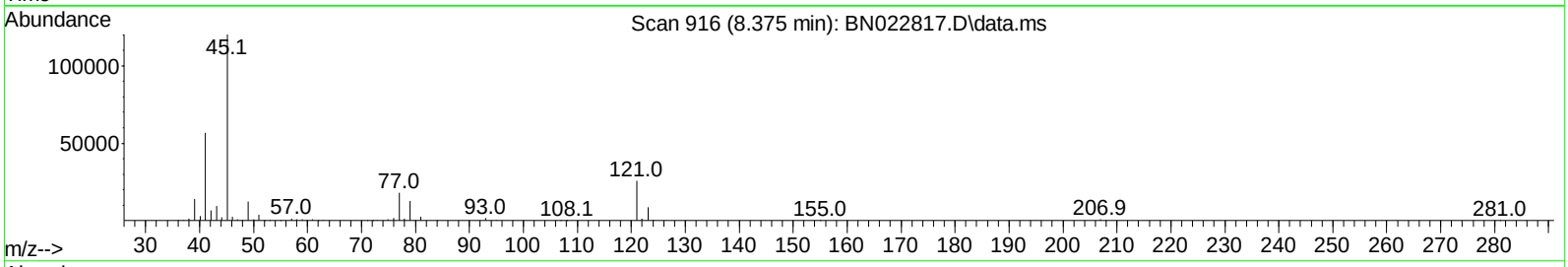

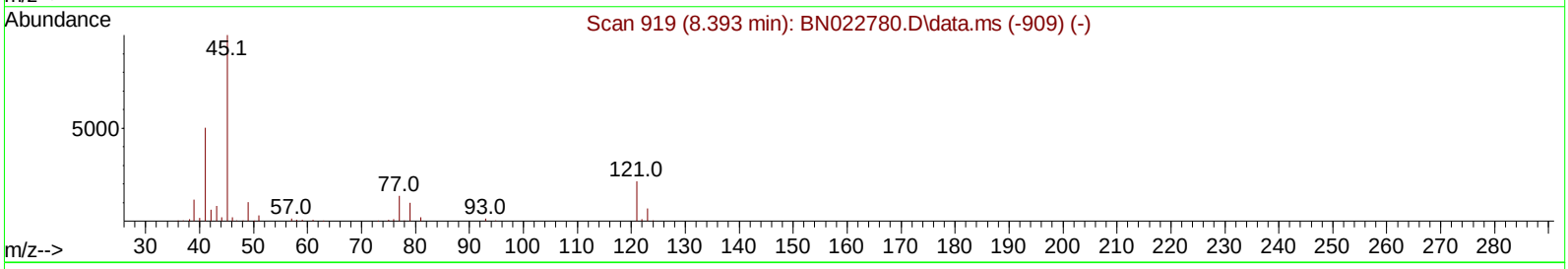

TIC: BN022817.D\data.ms

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

8.375min (-0.012) 42.54 ng/ul m

response 309156

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	16.20	15.01
79.00	11.90	10.65
0.00	0.00	0.00

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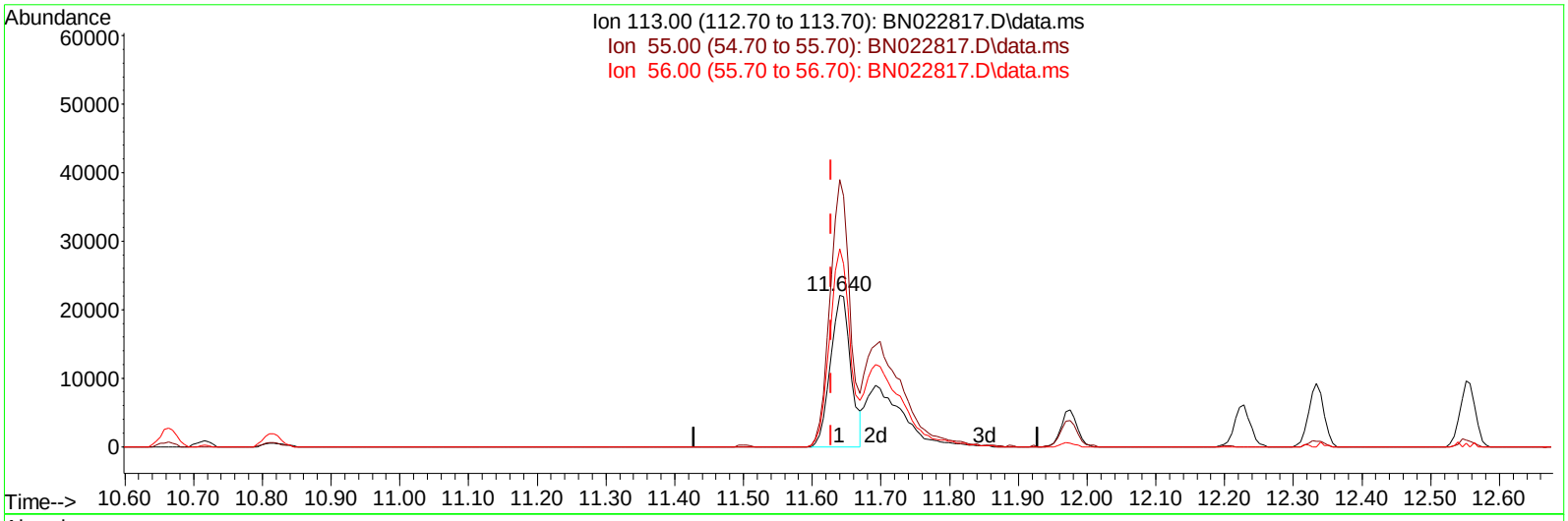

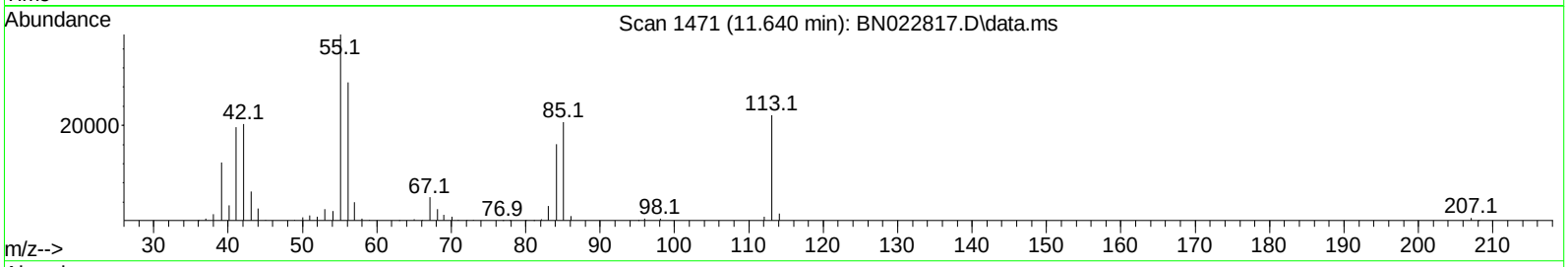

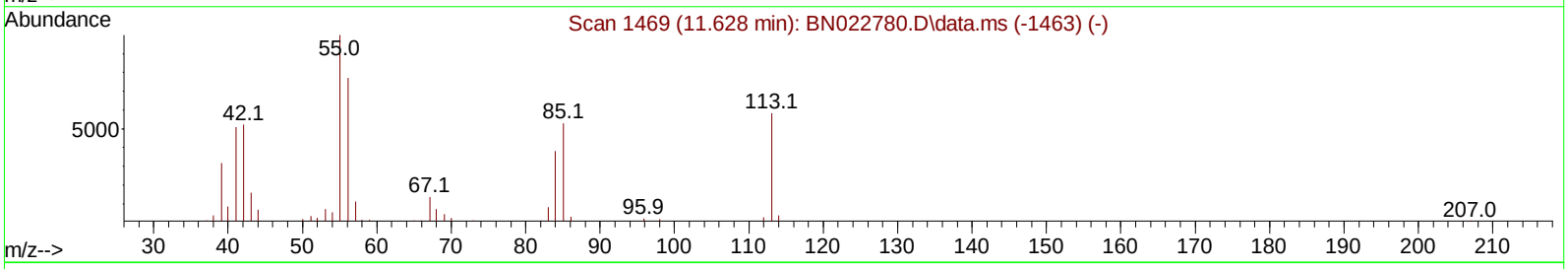

TIC: BN022817.D\data.ms

(34) Caprolactam

11.640min (+ 0.012) 22.86 ng/ul

response 45058

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	176.39
56.00	129.70	130.89
0.00	0.00	0.00

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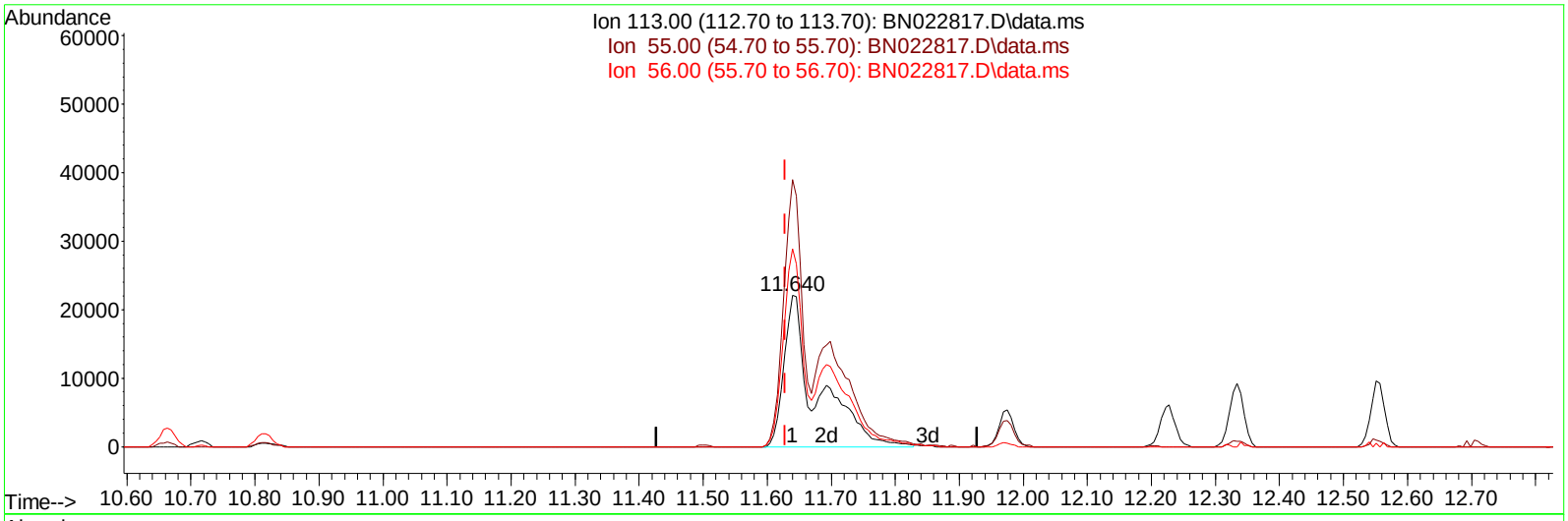

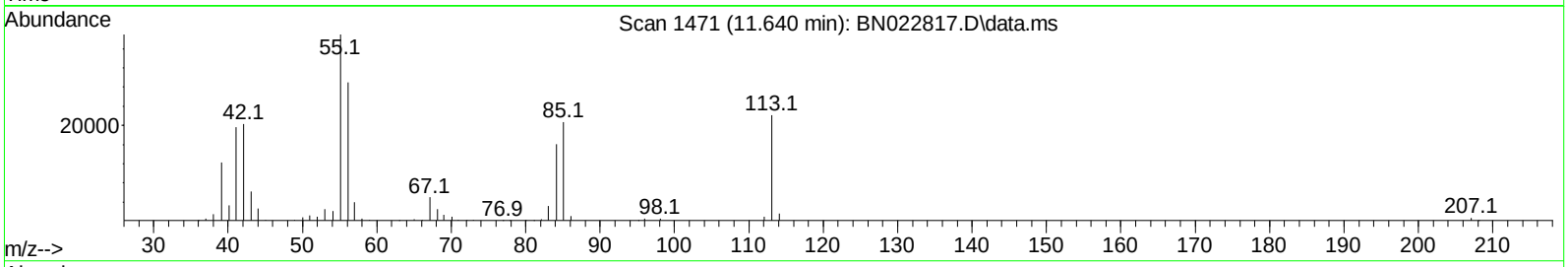

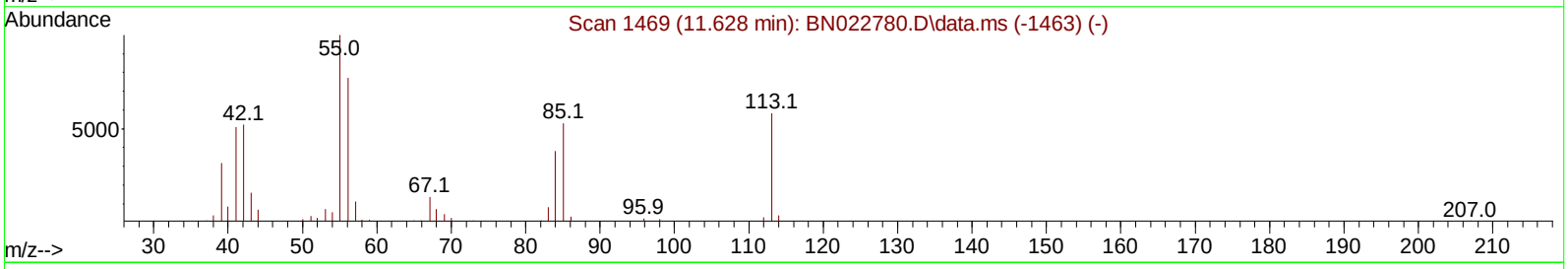

TIC: BN022817.D\data.ms

(34) Caprolactam

11.640min (+ 0.012) 39.77 ng/ul m

response 78384

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	167.30	176.39
56.00	129.70	130.89
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	71826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.663	136	347145	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.516	164	220338	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.275	188	445753	20.000	ng/ul	0.00
79) Chrysene-d12	21.475	240	426298	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	404004	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	14058	6.682	ng/uL	0.00
4) Pyridine-d5	3.611	84	199922	33.603	ng/ul	0.00
7) Phenol-d5	7.016	99	277312	40.879	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	169432	41.656	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	200939	40.446	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	224246	41.872	ng/ul	0.00
21) Nitrobenzene-d5	9.028	128	109049	40.583	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	120517	40.196	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	206928	40.484	ng/ul	0.00
31) 4-Chloroaniline-d4	10.816	131	277290	35.615	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	653033	40.747	ng/ul	0.00
49) Acenaphthylene-d8	14.210	160	729302	41.300	ng/ul	0.00
54) 4-Nitrophenol-d4	14.740	143	129648	40.580	ng/ul	0.00
60) Fluorene-d10	15.516	176	545098	41.470	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	118277	41.745	ng/ul	0.00
73) Anthracene-d10	17.375	188	823874	42.210	ng/ul	0.00
81) Pyrene-d10	19.675	212	921016	41.690	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	883196	43.488	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	26871	12.002	ng/uL#	94
5) Pyridine	3.628	79	200539	33.995	ng/ul	98
6) Benzaldehyde	6.987	77	160281	46.700	ng/ul	99
8) Phenol	7.040	94	275606	39.008	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.275	93	216519	39.327	ng/ul	98
12) 2-Chlorophenol	7.405	128	210566	39.693	ng/ul	98
13) 2-Methylphenol	8.305	108	208332	39.614	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.375	45	309156m	42.540	ng/ul	
16) Acetophenone	8.687	105	350614	41.018	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.675	70	193242	42.418	ng/ul	98
18) 4-Methylphenol	8.640	108	231245	40.495	ng/ul	98
19) Hexachloroethane	8.922	117	88014	39.187	ng/ul	99
22) Nitrobenzene	9.069	77	285355	39.197	ng/ul	98
23) Isophorone	9.599	82	551605	39.612	ng/ul	99
25) 2-Nitrophenol	9.781	139	127315	38.624	ng/ul	94
26) 2,4-Dimethylphenol	9.846	107	254898	36.050	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.087	93	312325	38.893	ng/ul	99
29) 2,4-Dichlorophenol	10.316	162	203255	39.124	ng/ul	100
30) Naphthalene	10.716	128	711872	38.635	ng/ul	100
32) 4-Chloroaniline	10.840	127	271080	33.340	ng/ul	99
33) Hexachlorobutadiene	10.987	225	124532	38.944	ng/ul	96
34) Caprolactam	11.640	113	78384m	39.771	ng/ul	
35) 4-Chloro-3-methylphenol	11.975	107	272356	40.197	ng/ul	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	491459	39.153	ng/ul	99
37) 1-Methylnaphthalene	12.551	142	498994	39.657	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.704	216	232919	39.383	ng/ul	97
40) Hexachlorocyclopentadiene	12.675	237	121166	35.090	ng/ul	98
41) 2,4,6-Trichlorophenol	12.951	196	164722	39.228	ng/ul	97
42) 2,4,5-Trichlorophenol	13.022	196	181902	40.908	ng/ul	98
43) 1,1'-Biphenyl	13.351	154	640532	39.604	ng/ul	100
44) 2-Chloronaphthalene	13.393	162	496464	39.394	ng/ul	98
45) 2-Nitroaniline	13.610	65	193545	42.289	ng/ul	97
47) Dimethylphthalate	13.981	163	669584	39.750	ng/ul	98
48) 2,6-Dinitrotoluene	14.110	165	139367	40.873	ng/ul	97
50) Acenaphthylene	14.240	152	787765	39.934	ng/ul	99
51) 3-Nitroaniline	14.440	138	140214	38.190	ng/ul	99
52) Acenaphthene	14.581	153	558662	39.915	ng/ul	97
53) 2,4-Dinitrophenol	14.651	184	88791	37.261	ng/ul	99
55) 4-Nitrophenol	14.757	109	124822	39.414	ng/ul	98
56) Dibenzofuran	14.916	168	732896	39.631	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	206578	41.603	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.145	232	148311	38.943	ng/ul	98
59) Diethylphthalate	15.345	149	712229	39.892	ng/ul	99
61) Fluorene	15.569	166	632722	40.970	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.563	204	282754	38.841	ng/ul	89
63) 4-Nitroaniline	15.610	138	137386	41.960	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	114335	39.041	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	534019	40.014	ng/ul	100
68) 4-Bromophenyl-phenylether	16.457	248	180141	41.039	ng/ul	96
69) Hexachlorobenzene	16.569	284	208585	40.651	ng/ul	95
70) Atrazine	16.745	200	190717	40.090	ng/ul	94
71) Pentachlorophenol	16.922	266	132893	40.763	ng/ul	96
72) Phenanthrene	17.316	178	966775	40.239	ng/ul	97
74) Anthracene	17.410	178	983562	40.416	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	232377	39.532	ng/uL	96
76) Pentachlorobenzene	14.834	250	228463	36.012	ng/uL	94
77) Carbazole	17.686	167	911000	40.289	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1273626	39.577	ng/ul	99
80) Fluoranthene	19.339	202	1099072	39.861	ng/ul	98
82) Pyrene	19.704	202	1117248	39.556	ng/ul	99
83) Butylbenzylphthalate	20.604	149	581147	40.421	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.398	252	366569	38.972	ng/ul	98
85) Benzo(a)anthracene	21.457	228	1060185	37.661	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.380	149	893743	42.117	ng/ul	99
87) Chrysene	21.516	228	999473	37.491	ng/ul	95
89) Di-n-octyl phthalate	22.304	149	1502840	42.296	ng/ul	100
90) Benzo(b)fluoranthene	23.133	252	1124646	41.077	ng/ul	96
91) Benzo(k)fluoranthene	23.186	252	1035102	39.829	ng/ul	98
93) Benzo(a)pyrene	23.763	252	927725	39.976	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.374	276	1066730	40.417	ng/ul	99
95) Dibenzo(a,h)anthracene	26.386	278	955820	40.406	ng/ul	97
96) Benzo(g,h,i)perylene	27.139	276	891017	38.719	ng/ul	98

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

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