Quantitation Report (Qedit)

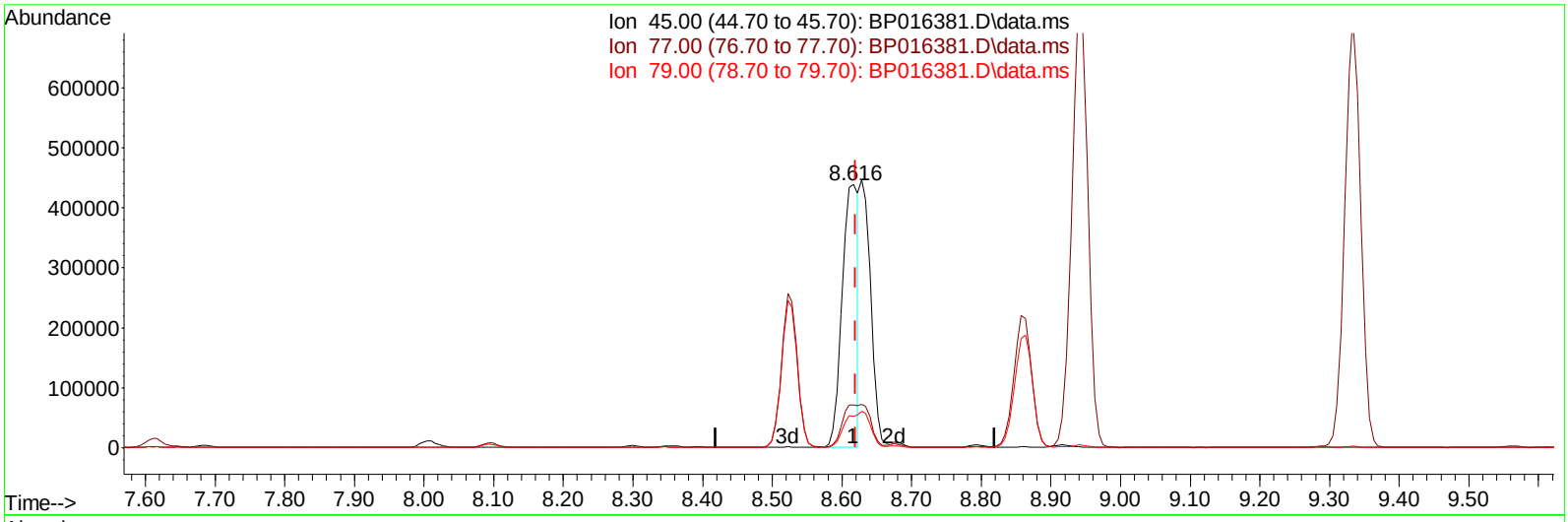
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072623\
Data File : BP016381.D
Acq On : 26 Jul 2023 18:40
Operator : MA/JU
Sample : 03575-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

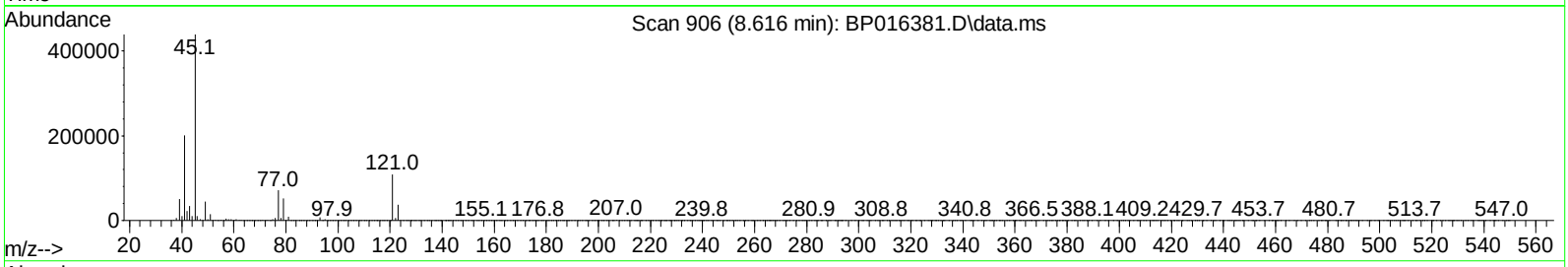
Quant Time: Jul 26 23:46:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP072523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 25 23:56:16 2023
Response via : Initial Calibration

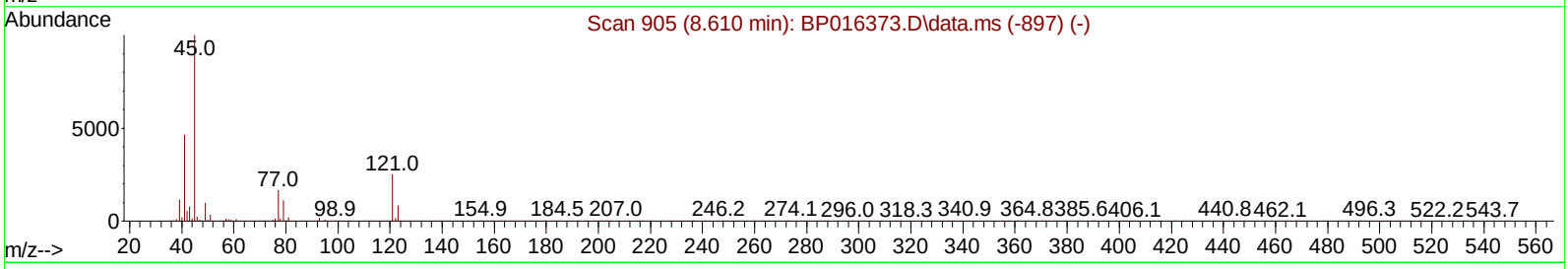
Instrument :
BNA_P
ClientSampleId :
DCHA2MS

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/27/2023
Supervised By :mohammad ahmed 07/27/2023







TIC: BP016381.D\data.ms

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

8.616min (-0.003) 24.99 ng/ul

response 706969

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.24
79.00	12.00	11.95
0.00	0.00	0.00

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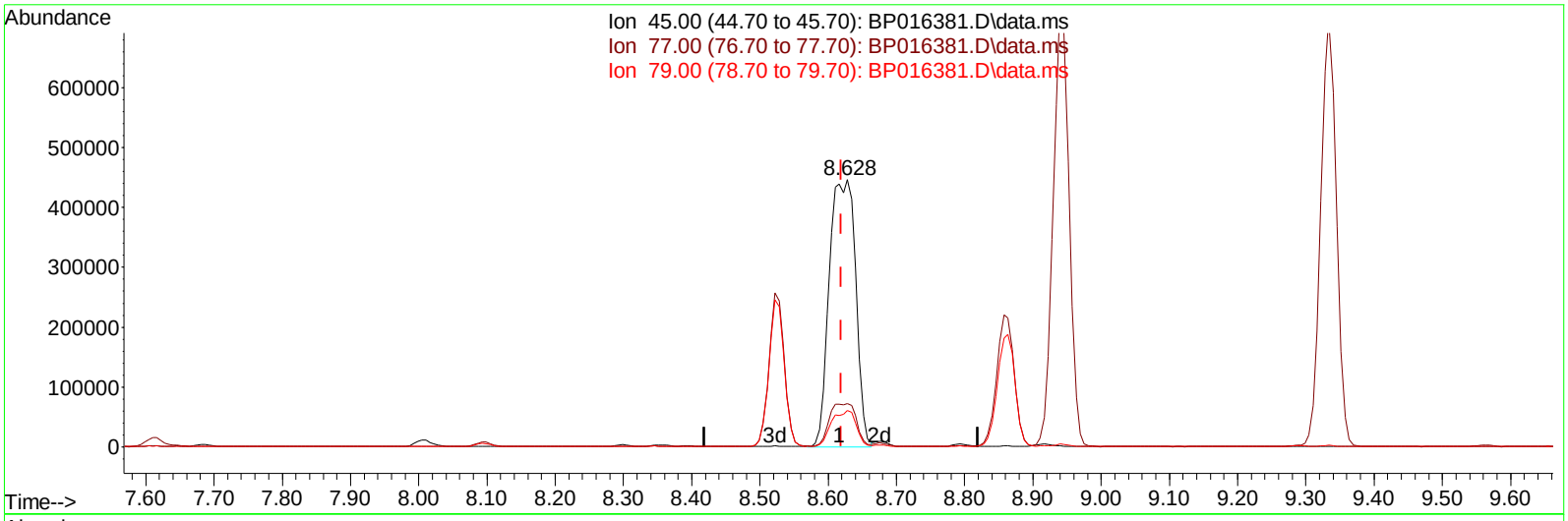

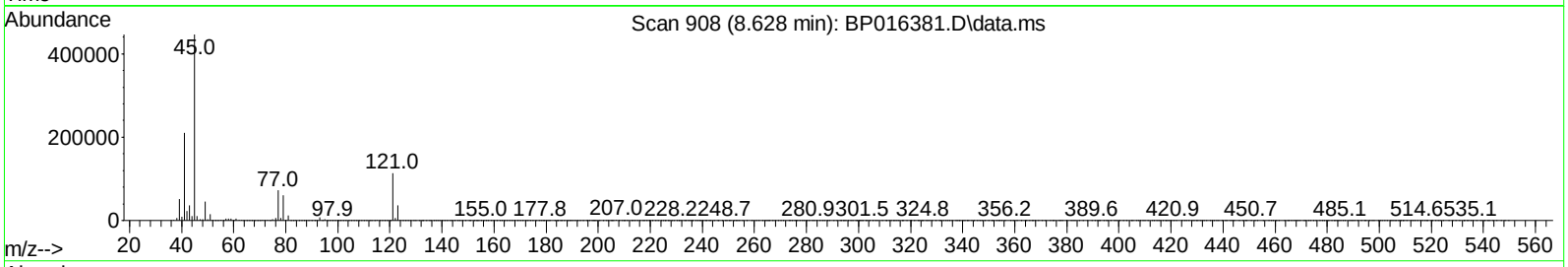

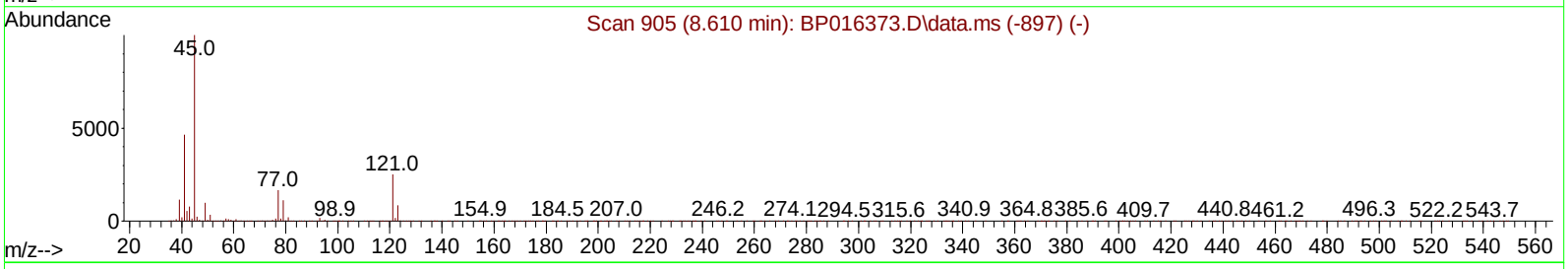

TIC: BP016381.D\data.ms

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

8.628min (+ 0.009) 42.21 ng/ul m

response 1193825

Ion	Exp%	Act%
45.00	100.00	100.00
77.00	17.10	16.24
79.00	12.00	13.53
0.00	0.00	0.00

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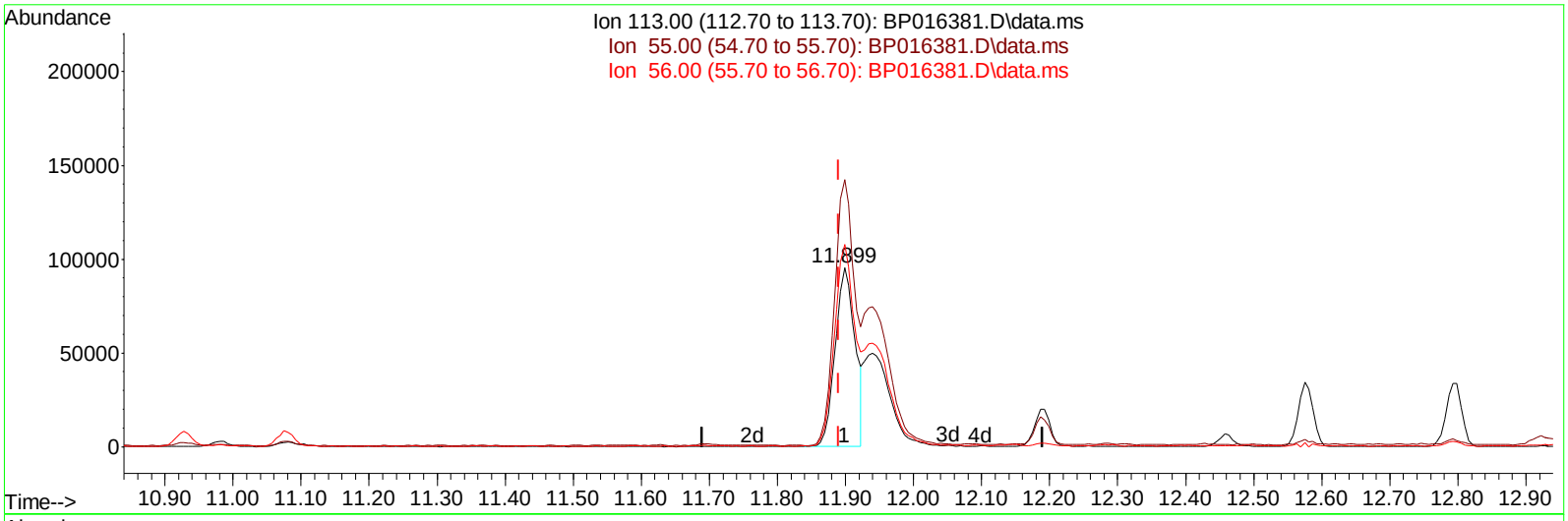

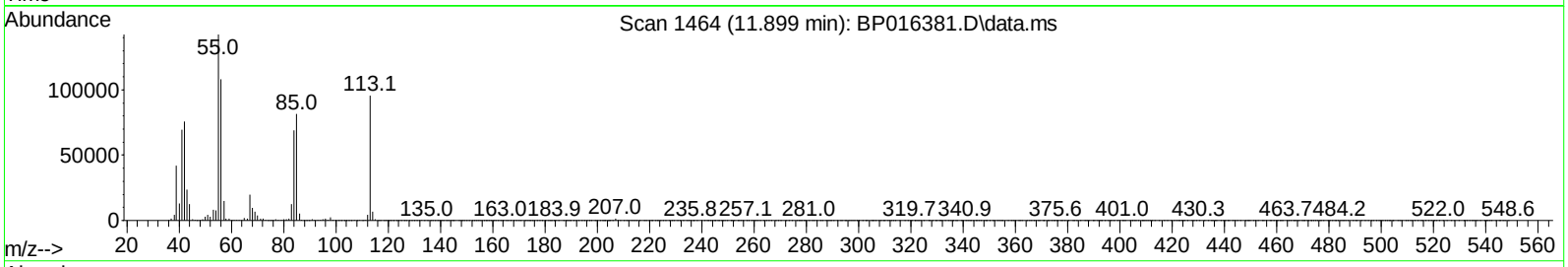

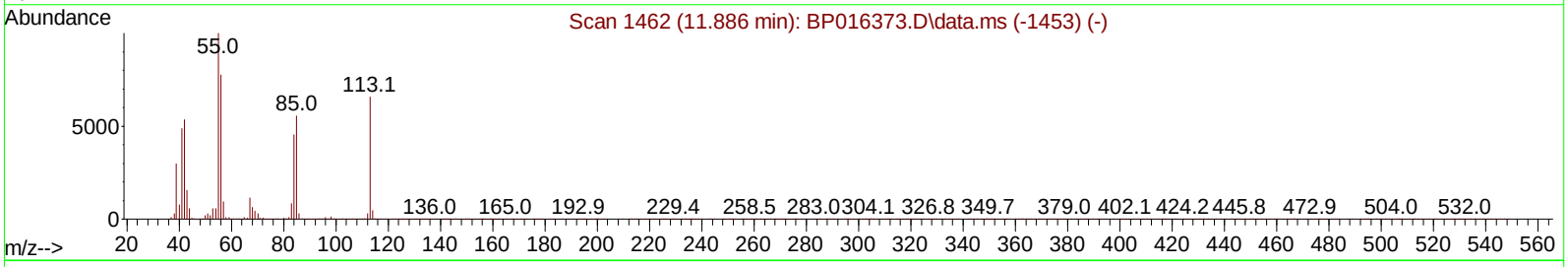

TIC: BP016381.D\data.ms

(34) Caprolactam

11.899min (+ 0.009) 30.59 ng/ul

response 193535

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.96
56.00	117.30	113.04
0.00	0.00	0.00

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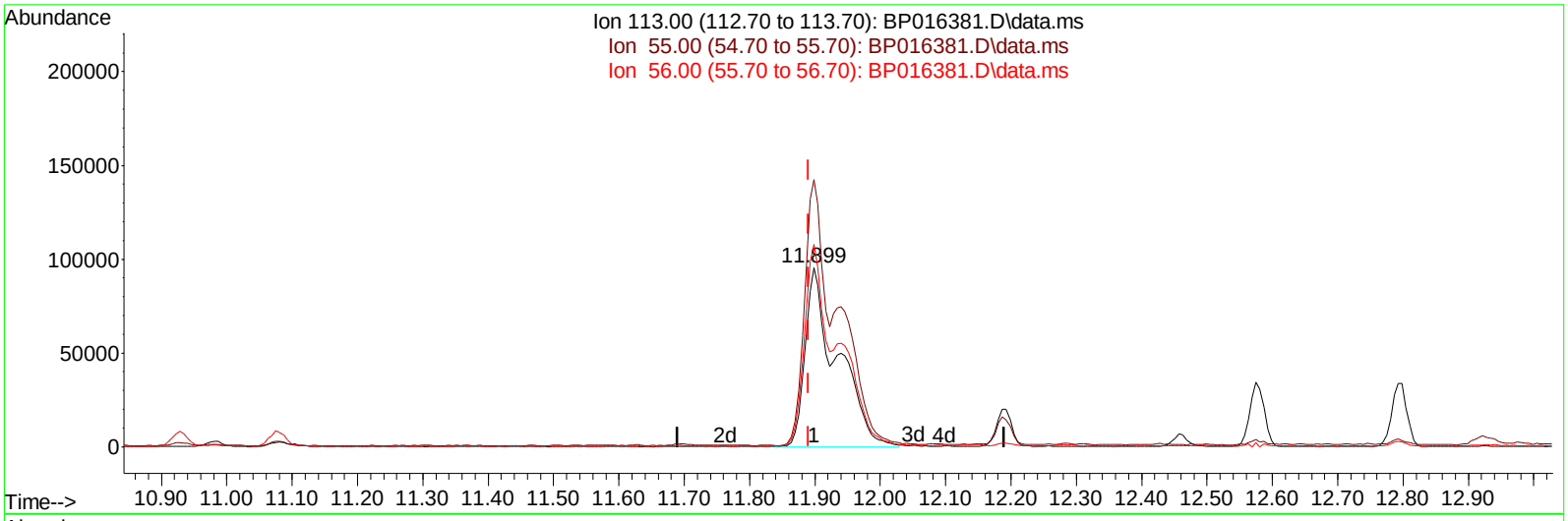

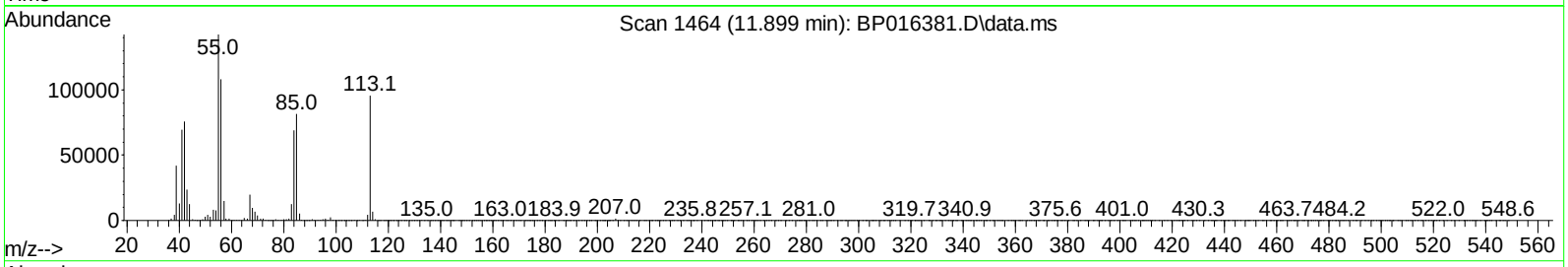

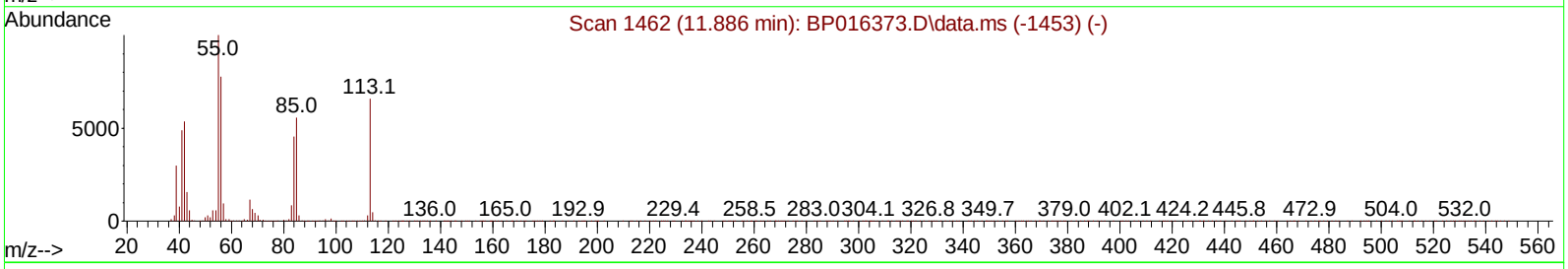

TIC: BP016381.D\data.ms

(34) Caprolactam

11.899min (+ 0.009) 51.72 ng/ul m

response 327213

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	152.80	148.96
56.00	117.30	113.04
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	327902	20.000	ng/ul	0.00
20) Naphthalene-d8	10.928	136	1248089	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.740	164	747104	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.504	188	1623081	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	1340086	20.000	ng/ul	0.00
88) Perylene-d12	24.192	264	1209776	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	58299	7.010	ng/uL	0.00
4) Pyridine-d5	3.852	84	854319	36.208	ng/ul	0.00
7) Phenol-d5	7.222	99	1368174	49.861	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	760484	46.162	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	1059697	49.502	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	994855	45.083	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	457231	59.493	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	438311	69.151	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	948978	54.014	ng/ul	0.00
31) 4-Chloroaniline-d4	11.081	131	1296830	47.447	ng/ul	0.00
46) Dimethylphthalate-d6	14.151	166	2770520	50.670	ng/ul	0.00
49) Acenaphthylene-d8	14.440	160	3229298	49.991	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	494279	53.950	ng/ul	0.00
60) Fluorene-d10	15.734	176	2365610	50.855	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.845	200	302198	56.527	ng/ul	0.00
73) Anthracene-d10	17.604	188	3597877	50.043	ng/ul	0.00
81) Pyrene-d10	19.828	212	4028347	52.941	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.021	264	3169230	54.298	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.464	88	165589	18.778	ng/uL	95
5) Pyridine	3.875	79	1053528	43.887	ng/ul	96
6) Benzaldehyde	7.246	77	768403	51.330	ng/ul	98
8) Phenol	7.252	94	1409987	49.412	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.522	93	1097350	46.943	ng/ul	99
12) 2-Chlorophenol	7.646	128	1105271	50.217	ng/ul	97
13) 2-Methylphenol	8.522	108	989047	45.203	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.628	45	1193825m	42.206	ng/ul	
16) Acetophenone	8.940	105	1570537	45.098	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.916	70	789575	43.540	ng/ul	99
18) 4-Methylphenol	8.858	108	1075730	46.015	ng/ul	98
19) Hexachloroethane	9.175	117	402114	43.669	ng/ul	94
22) Nitrobenzene	9.334	77	1137977	55.308	ng/ul	97
23) Isophorone	9.852	82	2272700	49.040	ng/ul	99
25) 2-Nitrophenol	10.040	139	511818	64.713	ng/ul	99
26) 2,4-Dimethylphenol	10.075	107	1132892	50.660	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.340	93	1396567	49.982	ng/ul	100
29) 2,4-Dichlorophenol	10.557	162	952633	53.636	ng/ul	98
30) Naphthalene	10.981	128	3218660	49.792	ng/ul	100
32) 4-Chloroaniline	11.104	127	1321397	49.314	ng/ul	100
33) Hexachlorobutadiene	11.222	225	568477	48.700	ng/ul	98
34) Caprolactam	11.899	113	327213m	51.718	ng/ul	
35) 4-Chloro-3-methylphenol	12.193	107	1056294	53.728	ng/ul	97

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.575	142	2161272	49.060	ng/ul	98
37) 1-Methylnaphthalene	12.793	142	2153234	48.886	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	1099429	49.811	ng/ul	98
40) Hexachlorocyclopentadiene	12.881	237	568710	36.093	ng/ul	98
41) 2,4,6-Trichlorophenol	13.169	196	729391	56.087	ng/ul	99
42) 2,4,5-Trichlorophenol	13.234	196	799674	57.458	ng/ul	100
43) 1,1'-Biphenyl	13.581	154	2846842	50.465	ng/ul	100
44) 2-Chloronaphthalene	13.622	162	2226924	50.462	ng/ul	99
45) 2-Nitroaniline	13.845	65	619276	67.066	ng/ul	95
47) Dimethylphthalate	14.198	163	3835614	69.560	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	541824	68.188	ng/ul	91
50) Acenaphthylene	14.469	152	3499734	47.555	ng/ul	100
51) 3-Nitroaniline	14.669	138	589044	63.365	ng/ul#	96
52) Acenaphthene	14.804	153	2380414	50.163	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	175525	51.648	ng/ul	95
55) 4-Nitrophenol	14.940	109	406961	55.106	ng/ul	97
56) Dibenzofuran	15.140	168	3280631	50.500	ng/ul	99
57) 2,4-Dinitrotoluene	15.110	165	767651	67.761	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.345	232	653665	58.875	ng/ul	95
59) Diethylphthalate	15.557	149	2839234	51.123	ng/ul	100
61) Fluorene	15.787	166	2650990	50.240	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.781	204	1272538	49.469	ng/ul	99
63) 4-Nitroaniline	15.834	138	577516	67.750	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.863	198	336524	52.654	ng/ul	99
67) N-Nitrosodiphenylamine	15.998	169	2297224	50.479	ng/ul	99
68) 4-Bromophenyl-phenylether	16.681	248	811622	52.728	ng/ul	99
69) Hexachlorobenzene	16.763	284	920169	49.851	ng/ul	98
70) Atrazine	16.957	200	819018	49.326	ng/ul	99
71) Pentachlorophenol	17.122	266	990607	95.236	ng/ul	99
72) Phenanthrene	17.545	178	4231794	50.104	ng/ul	99
74) Anthracene	17.639	178	4193728	48.746	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.534	216	1084960	46.309	ng/uL	99
76) Pentachlorobenzene	15.034	250	1035024	49.993	ng/uL	99
77) Carbazole	17.910	167	3934185	53.126	ng/ul	99
78) Di-n-butylphthalate	18.433	149	5037759	53.419	ng/ul	100
80) Fluoranthene	19.498	202	4836837	53.029	ng/ul	98
82) Pyrene	19.857	202	4889854	51.891	ng/ul	99
83) Butylbenzylphthalate	20.722	149	2256106	63.239	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.510	252	1284194	43.600	ng/ul	99
85) Benzo(a)anthracene	21.575	228	4444901	48.970	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.469	149	3416609	62.783	ng/ul	99
87) Chrysene	21.633	228	4215368	50.150	ng/ul	100
89) Di-n-octyl phthalate	22.469	149	5572922	73.284	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	4023959	55.542	ng/ul	98
91) Benzo(k)fluoranthene	23.439	252	3977240	55.163	ng/ul	99
93) Benzo(a)pyrene	24.080	252	3367552	49.354	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.974	276	3848590	48.846	ng/ul	99
95) Dibenzo(a,h)anthracene	27.010	278	3227906	49.534	ng/ul	99
96) Benzo(g,h,i)perylene	27.833	276	3046221	48.835	ng/ul	99

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

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