Quantitation Report (Qedit)

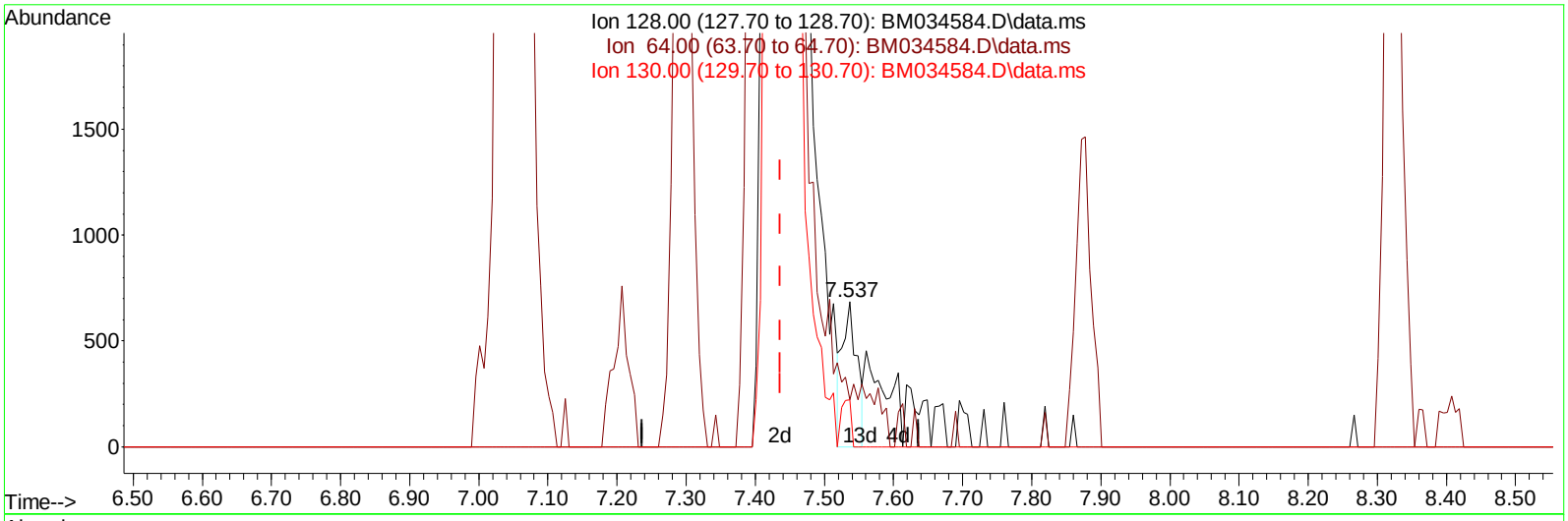
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034584.D
Acq On : 09 Apr 2022 05:27
Operator : CG/JU
Sample : PB143966BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

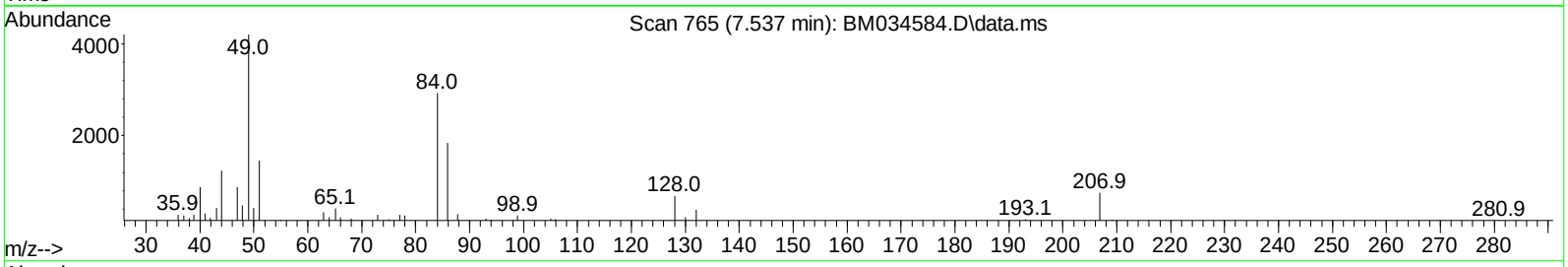
Quant Time: Apr 09 06:27:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 14:30:08 2022
Response via : Initial Calibration

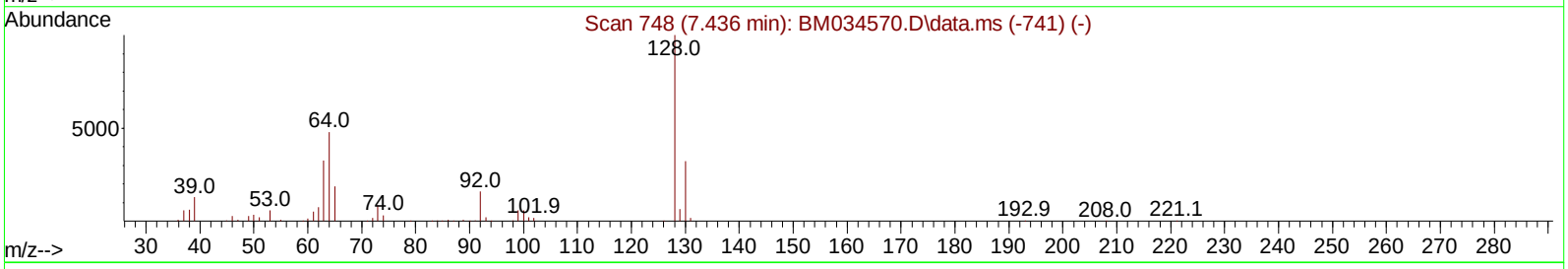
Instrument :
BNA_M
ClientSampleId :
SLCS966

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022







TIC: BM034584.D\data.ms

(12) 2-Chlorophenol

7.537min (+ 0.100) 0.15 ng/ul

response 995

Ion	Exp%	Act%
128.00	100.00	100.00
64.00	38.30	32.46
130.00	32.20	32.17
0.00	0.00	0.00

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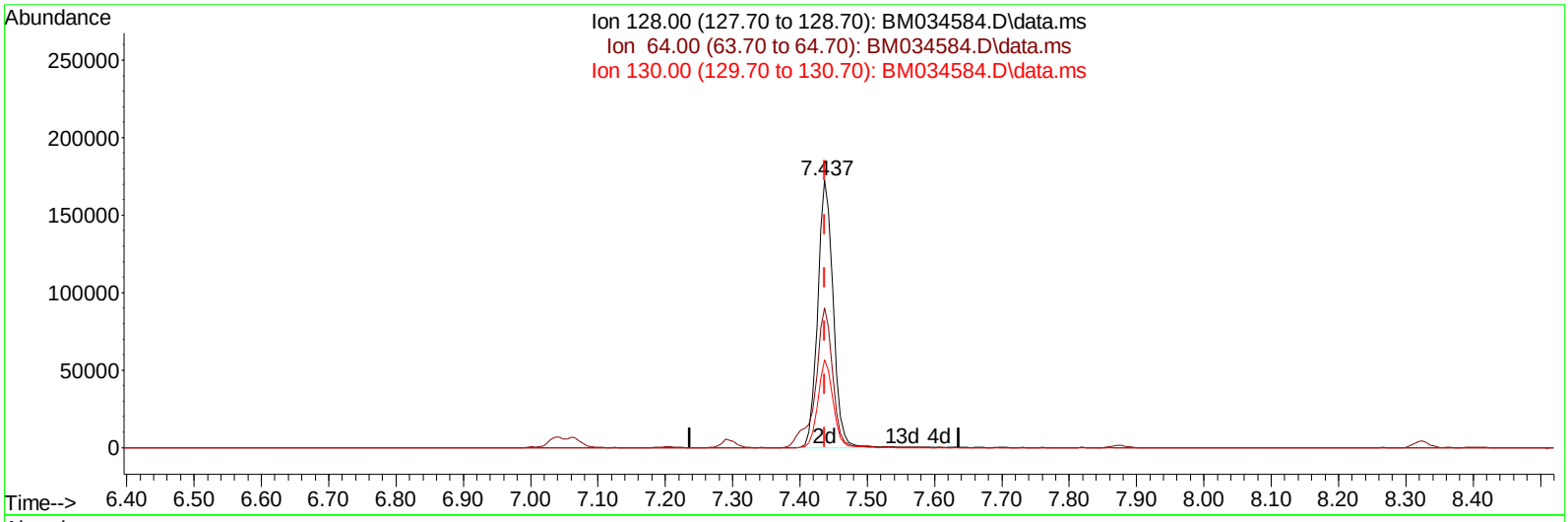

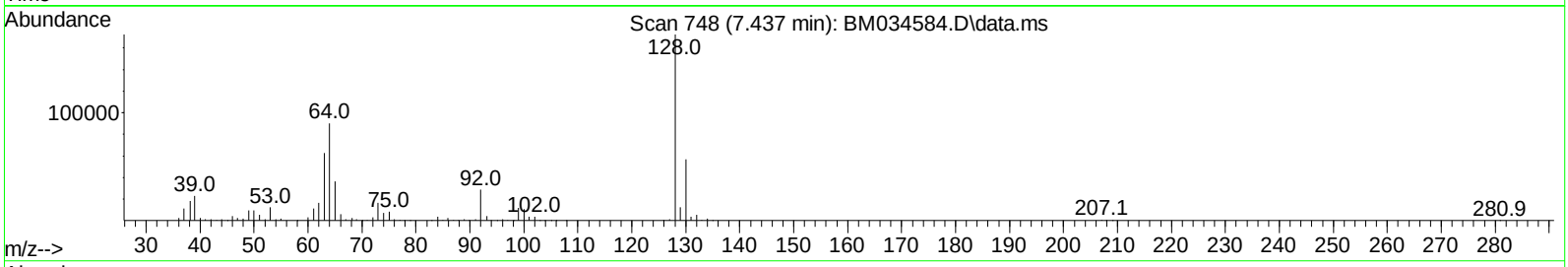

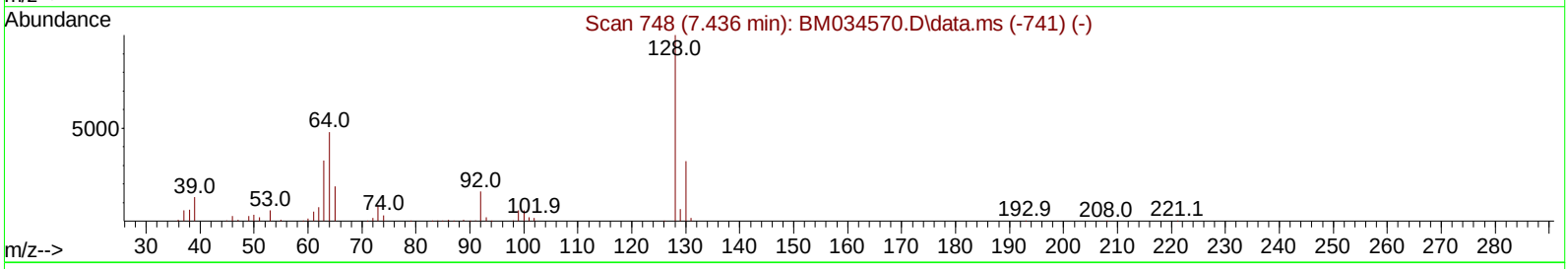

TIC: BM034584.D\data.ms

(12) 2-Chlorophenol

7.437min (+ 0.000) 42.11 ng/ul m

response 275665

Ion	Exp%	Act%
128.00	100.00	100.00
64.00	38.30	52.29#
130.00	32.20	32.88
0.00	0.00	0.00

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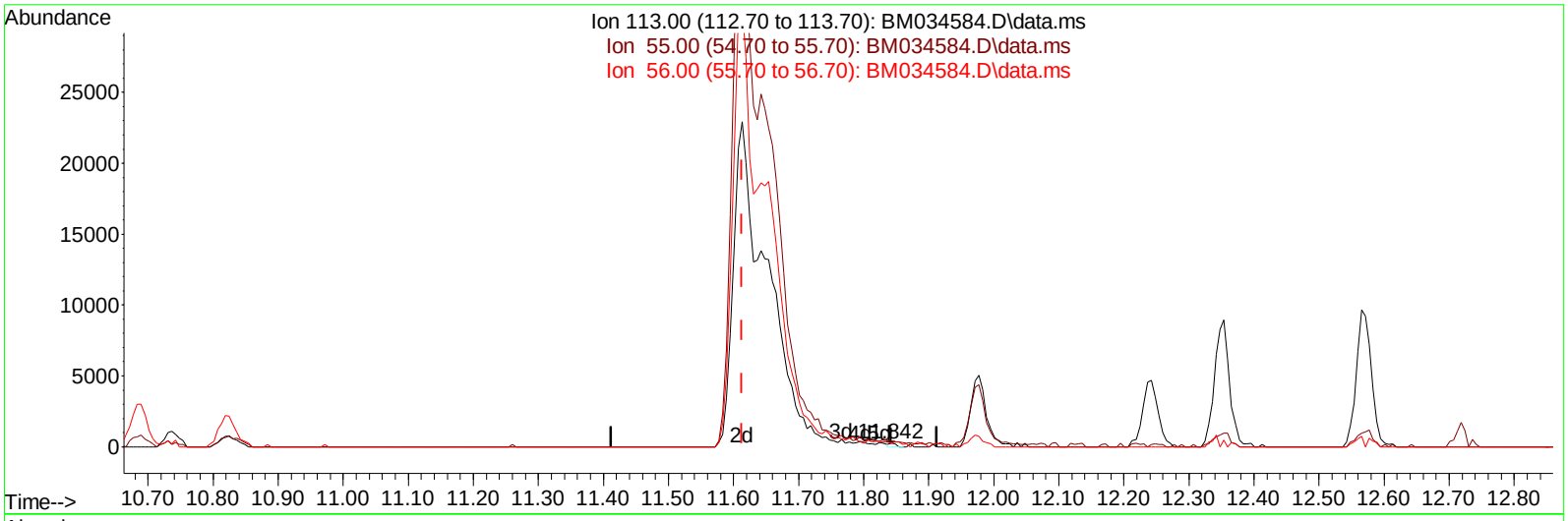

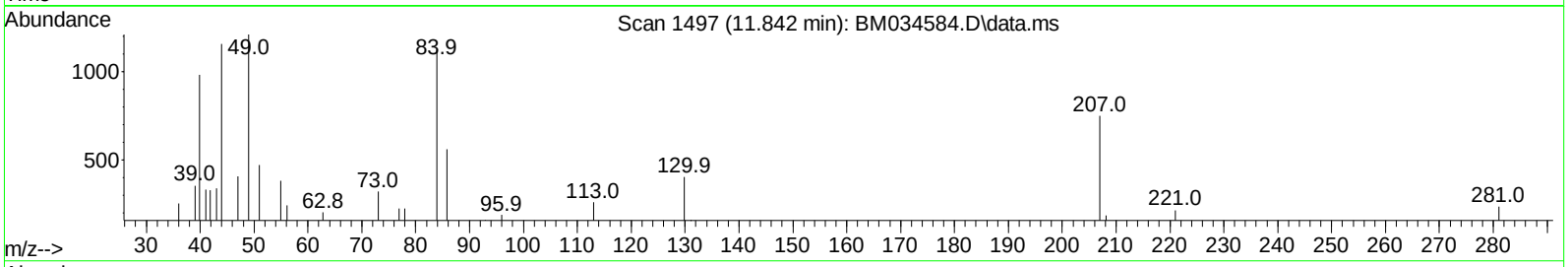

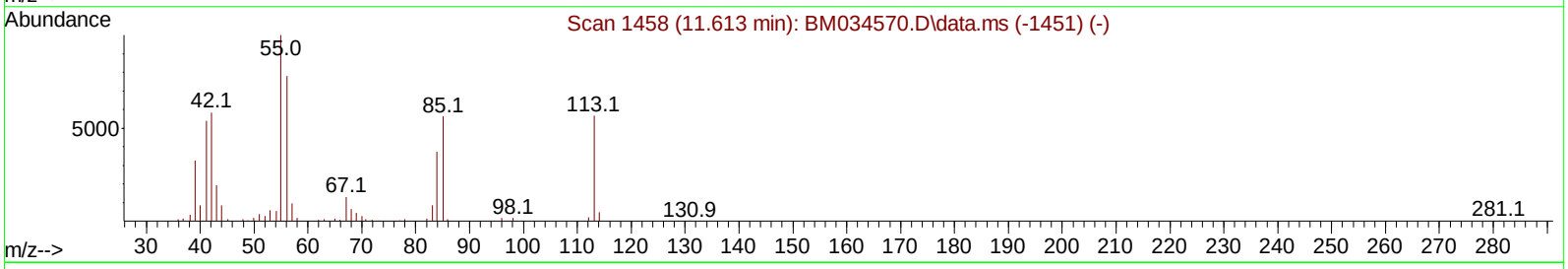

TIC: BM034584.D\data.ms

(34) Caprolactam

11.842min (+ 0.229) 0.08 ng/ul

response 158

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.10	147.49
56.00	101.20	93.82
0.00	0.00	0.00

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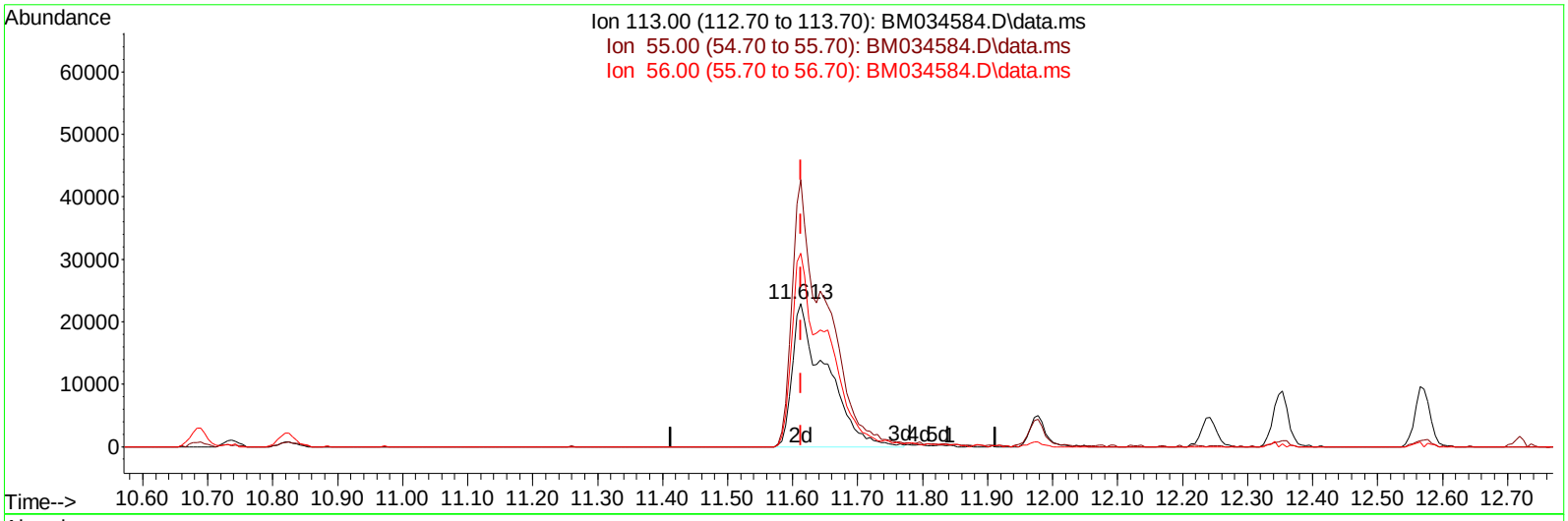

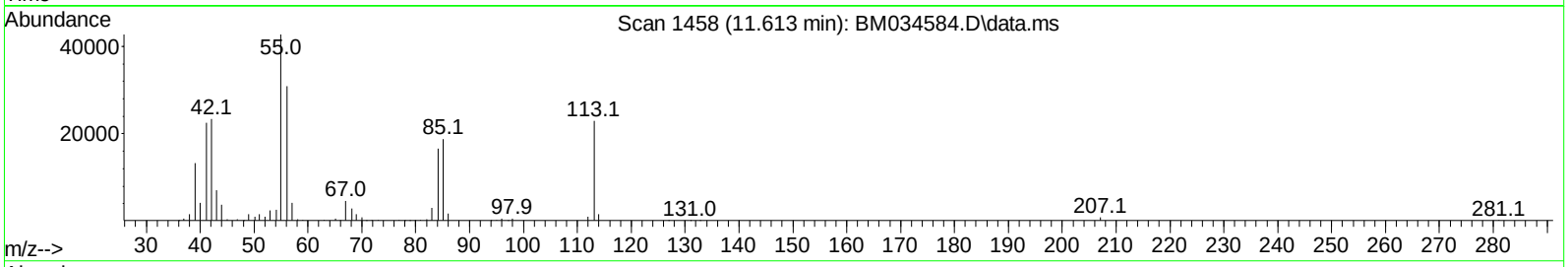

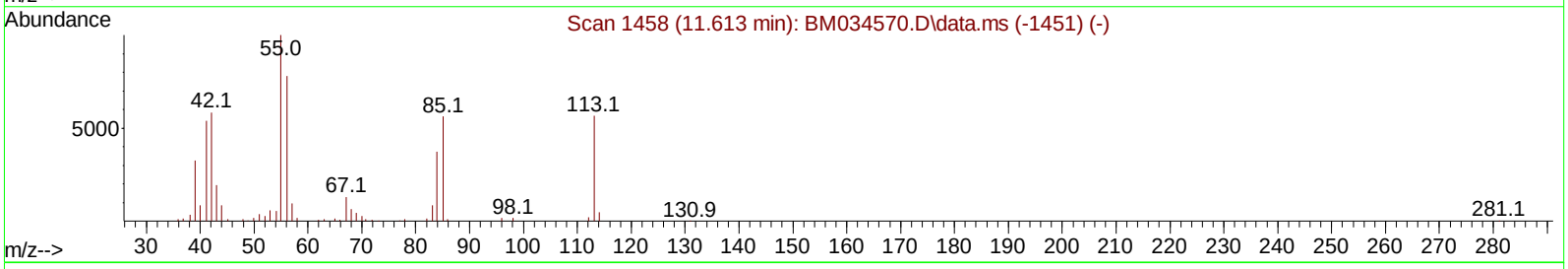

TIC: BM034584.D\data.ms

(34) Caprolactam

11.613min (+ 0.000) 44.09 ng/ul m

response 82973

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	126.10	186.45#
56.00	101.20	135.06#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	99822	20.000	ng/ul	0.00
20) Naphthalene-d8	10.683	136	407354	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.524	164	239440	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.265	188	480069	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.442	240	469015	20.000	ng/ul	# 0.00
88) Perylene-d12	23.824	264	479992	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	22965	8.204	ng/uL	0.00
4) Pyridine-d5	3.678	84	283632	41.984	ng/ul	0.00
7) Phenol-d5	7.037	99	355432	42.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.201	67	241466	43.615	ng/ul	0.00
11) 2-Chlorophenol-d4	7.407	132	291195	45.339	ng/ul	0.00
15) 4-Methylphenol-d8	8.589	113	286748	44.183	ng/ul	0.00
21) Nitrobenzene-d5	9.037	128	139344	46.544	ng/ul	0.00
24) 2-Nitrophenol-d4	9.766	143	147972	47.473	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.307	165	267212	45.528	ng/ul	0.00
31) 4-Chloroaniline-d4	10.819	131	323954	40.008	ng/ul	0.00
46) Dimethylphthalate-d6	13.936	166	794679	45.932	ng/ul	0.00
49) Acenaphthylene-d8	14.219	160	970758	43.654	ng/ul	0.00
54) 4-Nitrophenol-d4	14.719	143	126694	48.025	ng/ul	0.00
60) Fluorene-d10	15.513	176	674402	45.107	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.636	200	133711	45.624	ng/ul	0.00
73) Anthracene-d10	17.365	188	1022179	44.660	ng/ul	0.00
81) Pyrene-d10	19.653	212	1204772	47.064	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.671	264	1158249	47.971	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	42211	14.976	ng/uL#	81
5) Pyridine	3.696	79	281202	38.094	ng/ul#	78
6) Benzaldehyde	7.007	77	225784	44.327	ng/ul	91
8) Phenol	7.066	94	340012	40.510	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.295	93	275284	40.641	ng/ul#	86
12) 2-Chlorophenol	7.437	128	275665m	42.106	ng/ul	
13) 2-Methylphenol	8.325	108	254283	40.982	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.413	45	410368	40.520	ng/ul#	84
16) Acetophenone	8.701	105	404036	39.884	ng/ul#	86
17) N-Nitroso-di-n-propyla...	8.689	70	226647	42.034	ng/ul#	86
18) 4-Methylphenol	8.654	108	270936	41.047	ng/ul	100
19) Hexachloroethane	8.966	117	118337	40.186	ng/ul	86
22) Nitrobenzene	9.084	77	325718	41.501	ng/ul	91
23) Isophorone	9.613	82	586903	42.110	ng/ul#	92
25) 2-Nitrophenol	9.795	139	147390	44.148	ng/ul#	89
26) 2,4-Dimethylphenol	9.860	107	303192	40.915	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.095	93	351971	41.974	ng/ul	99
29) 2,4-Dichlorophenol	10.336	162	242298	41.828	ng/ul	96
30) Naphthalene	10.736	128	850039	40.083	ng/ul	99
32) 4-Chloroaniline	10.848	127	295833	36.468	ng/ul	98
33) Hexachlorobutadiene	11.031	225	161839	39.739	ng/ul	98
34) Caprolactam	11.613	113	82973m	44.092	ng/ul	
35) 4-Chloro-3-methylphenol	11.977	107	261268	43.448	ng/ul	92

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.354	142	554821	40.821	ng/ul	99
37) 1-Methylnaphthalene	12.572	142	574076	41.169	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.725	216	288406	40.241	ng/ul#	96
40) Hexachlorocyclopentadiene	12.707	237	178304	37.911	ng/ul	95
41) 2,4,6-Trichlorophenol	12.960	196	188617	43.323	ng/ul	97
42) 2,4,5-Trichlorophenol	13.030	196	204796	45.394	ng/ul	99
43) 1,1'-Biphenyl	13.360	154	745035	41.076	ng/ul#	98
44) 2-Chloronaphthalene	13.401	162	571311	41.028	ng/ul	97
45) 2-Nitroaniline	13.607	65	178697	47.062	ng/ul	84
47) Dimethylphthalate	13.983	163	715113	42.001	ng/ul	99
48) 2,6-Dinitrotoluene	14.101	165	150890	46.131	ng/ul	91
50) Acenaphthylene	14.248	152	933248	41.339	ng/ul	100
51) 3-Nitroaniline	14.430	138	124640	43.585	ng/ul	84
52) Acenaphthene	14.589	153	617311	41.071	ng/ul	100
53) 2,4-Dinitrophenol	14.636	184	78799	42.747	ng/ul#	83
55) 4-Nitrophenol	14.736	109	101709	45.147	ng/ul#	83
56) Dibenzofuran	14.924	168	847047	41.466	ng/ul	97
57) 2,4-Dinitrotoluene	14.889	165	212868	46.758	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.148	232	175678	44.351	ng/ul#	87
59) Diethylphthalate	15.348	149	742904	42.957	ng/ul	99
61) Fluorene	15.571	166	712599	41.346	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.566	204	343405	41.278	ng/ul	94
63) 4-Nitroaniline	15.589	138	127306	50.556	ng/ul#	94
66) 4,6-Dinitro-2-methylph...	15.648	198	122938	42.070	ng/ul#	85
67) N-Nitrosodiphenylamine	15.777	169	606671	42.416	ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	206473	41.606	ng/ul#	93
69) Hexachlorobenzene	16.577	284	249303	41.830	ng/ul#	92
70) Atrazine	16.730	200	221703	41.421	ng/ul	98
71) Pentachlorophenol	16.918	266	151869	41.615	ng/ul	99
72) Phenanthrene	17.307	178	1117231	41.706	ng/ul	99
74) Anthracene	17.401	178	1121207	42.239	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.324	216	302776	40.157	ng/uL	99
76) Pentachlorobenzene	14.848	250	283165	40.019	ng/uL	98
77) Carbazole	17.671	167	935434	42.599	ng/ul	99
78) Di-n-butylphthalate	18.236	149	1247772	44.770	ng/ul	100
80) Fluoranthene	19.324	202	1278409	45.127	ng/ul#	90
82) Pyrene	19.683	202	1346828	43.741	ng/ul#	86
83) Butylbenzylphthalate	20.583	149	558855	46.361	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.359	252	349314	42.496	ng/ul#	97
85) Benzo(a)anthracene	21.430	228	1189784	43.627	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.359	149	824107	45.679	ng/ul#	98
87) Chrysene	21.477	228	1241444	42.216	ng/ul	100
89) Di-n-octyl phthalate	22.277	149	1417207	44.350	ng/ul	100
90) Benzo(b)fluoranthene	23.100	252	1324312	46.432	ng/ul#	97
91) Benzo(k)fluoranthene	23.147	252	1286952	42.967	ng/ul#	97
93) Benzo(a)pyrene	23.718	252	1289205	45.735	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.300	276	1397036	46.311	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.318	278	1164191	47.075	ng/ul#	95
96) Benzo(g,h,i)perylene	27.065	276	1265144	43.693	ng/ul#	94

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

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