Quantitation Report (Qedit)

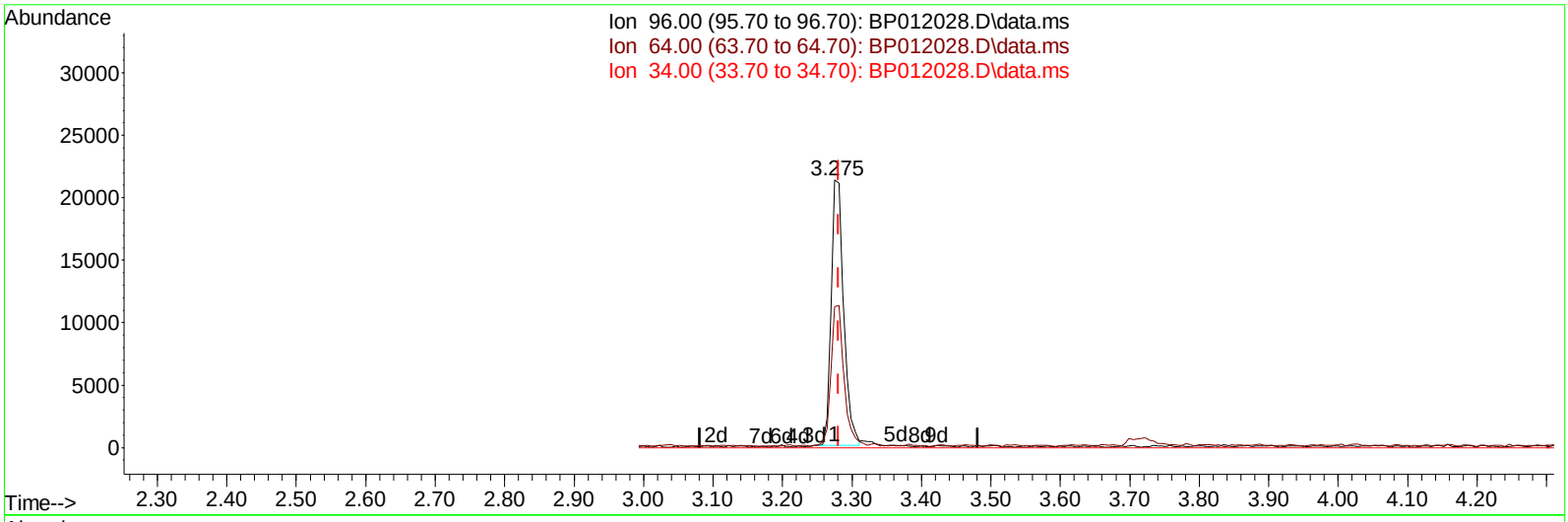
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101022\
Data File : BP012028.D
Acq On : 10 Oct 2022 17:49
Operator : CG/JU
Sample : SSTD04065
Misc :
ALS Vial : 6 Sample Multiplier: 1

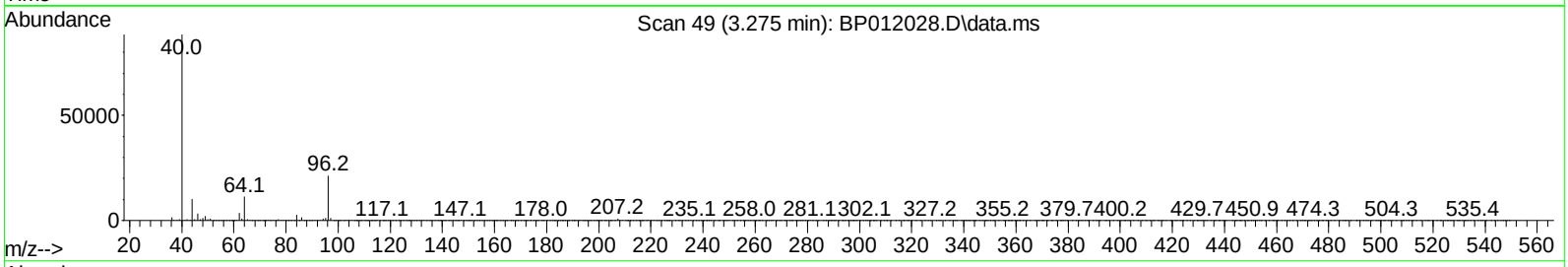
Quant Time: Oct 11 00:45:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101022.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 00:41:15 2022
Response via : Initial Calibration

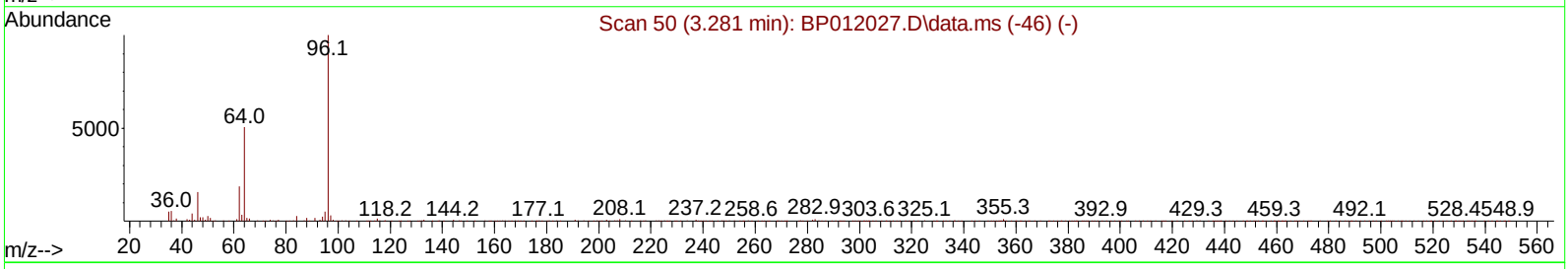
Instrument :
BNA_P
ClientSampleId :
SSTD040627

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 10/11/2022
Supervised By :mohammad ahmed 10/14/2022







TIC: BP012028.D\data.ms

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

3.275min (-0.006) 7.25 ng/uL

response 26860

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	51.70	52.73
34.00	0.00	0.00
0.00	0.00	0.00

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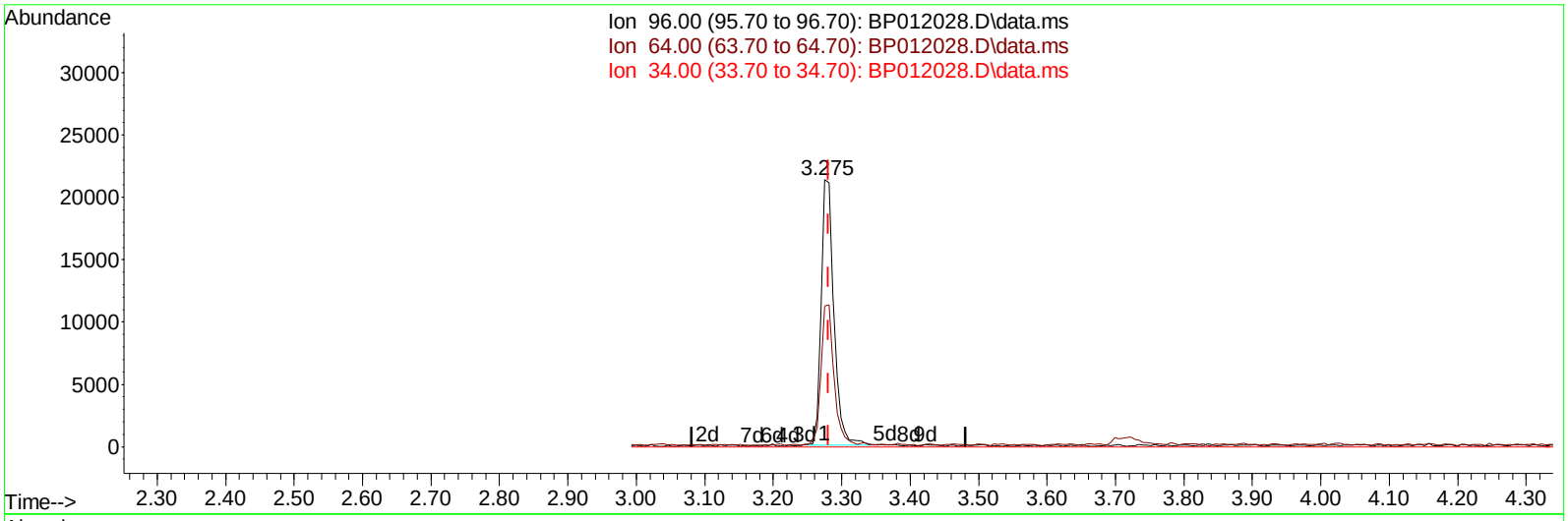

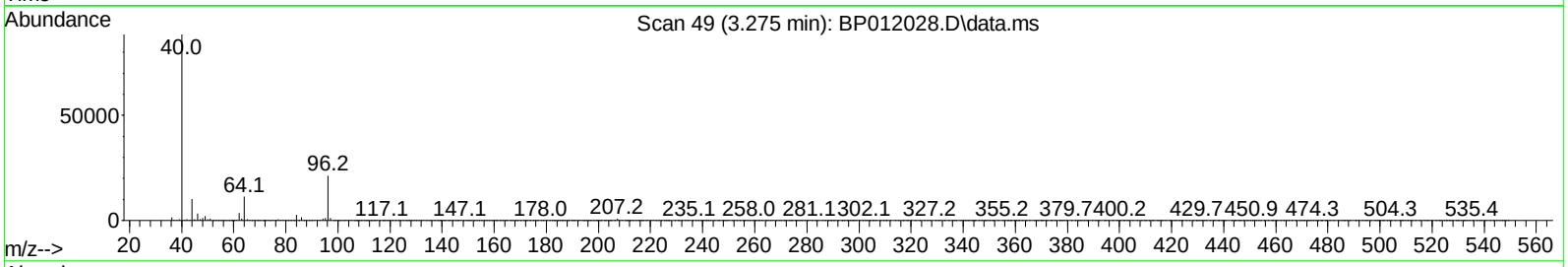

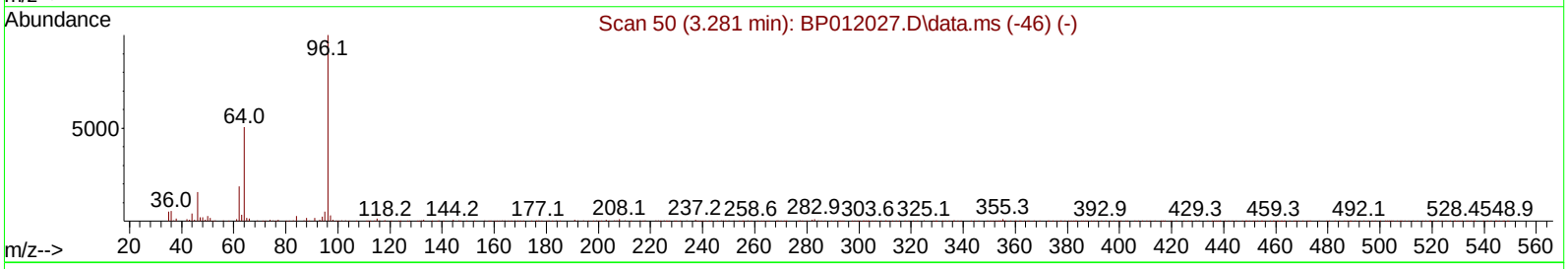

TIC: BP012028.D\data.ms

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

3.275min (-0.006) 7.43 ng/uL m

response 27530

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	51.70	52.73
34.00	0.00	0.00
0.00	0.00	0.00

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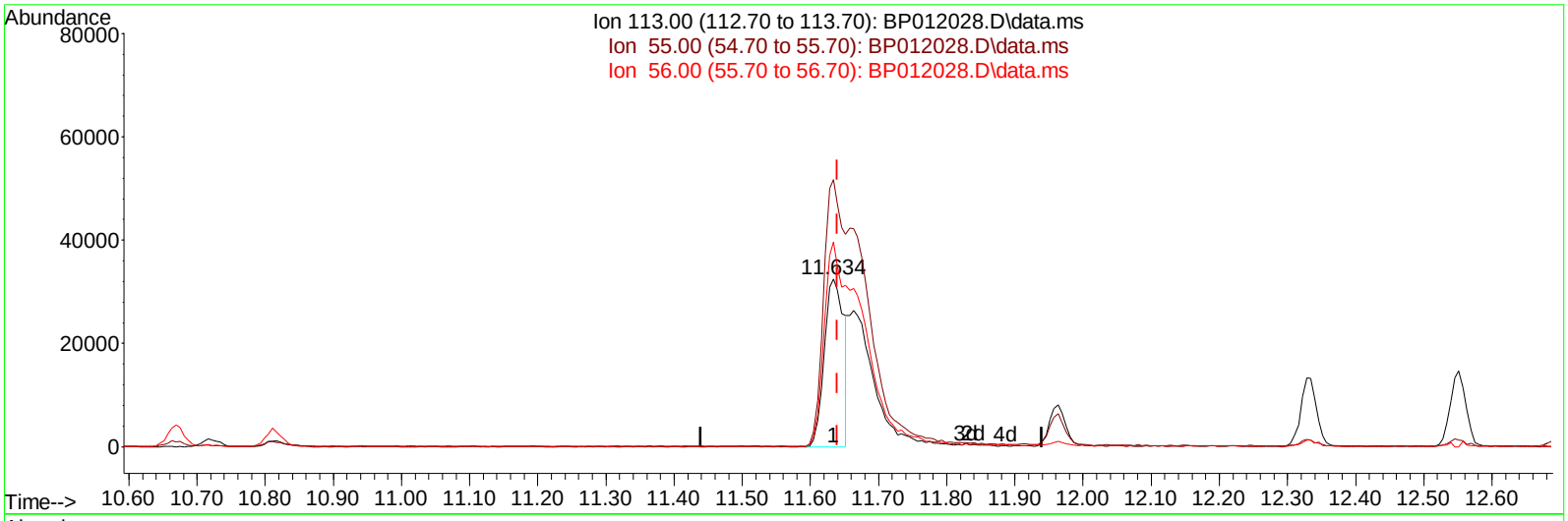

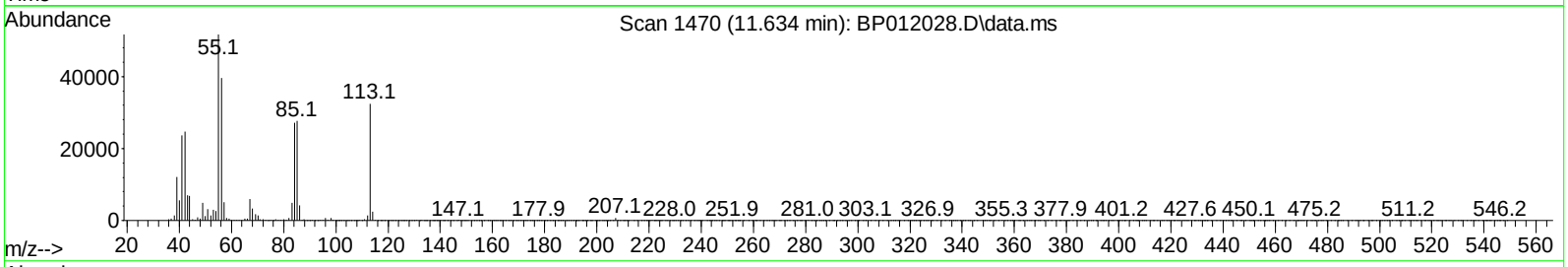

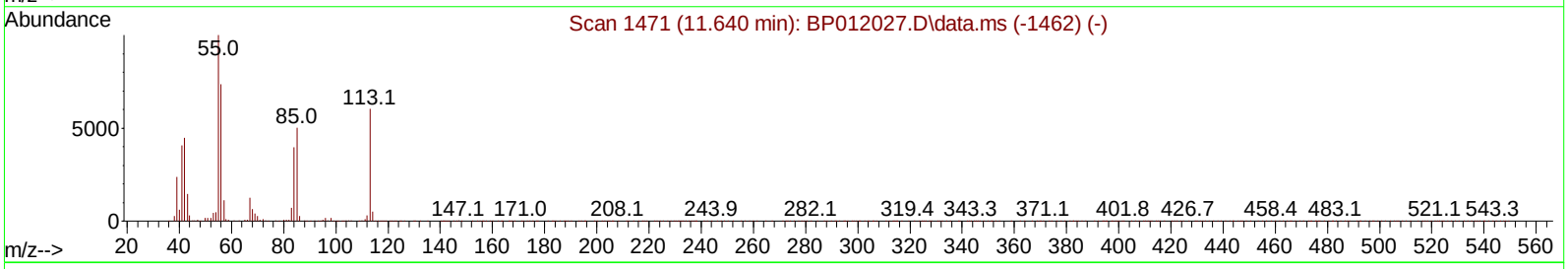

TIC: BP012028.D\data.ms

(34) Caprolactam

11.634min (-0.006) 17.16 ng/ul

response 64871

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	159.27
56.00	122.10	122.21
0.00	0.00	0.00

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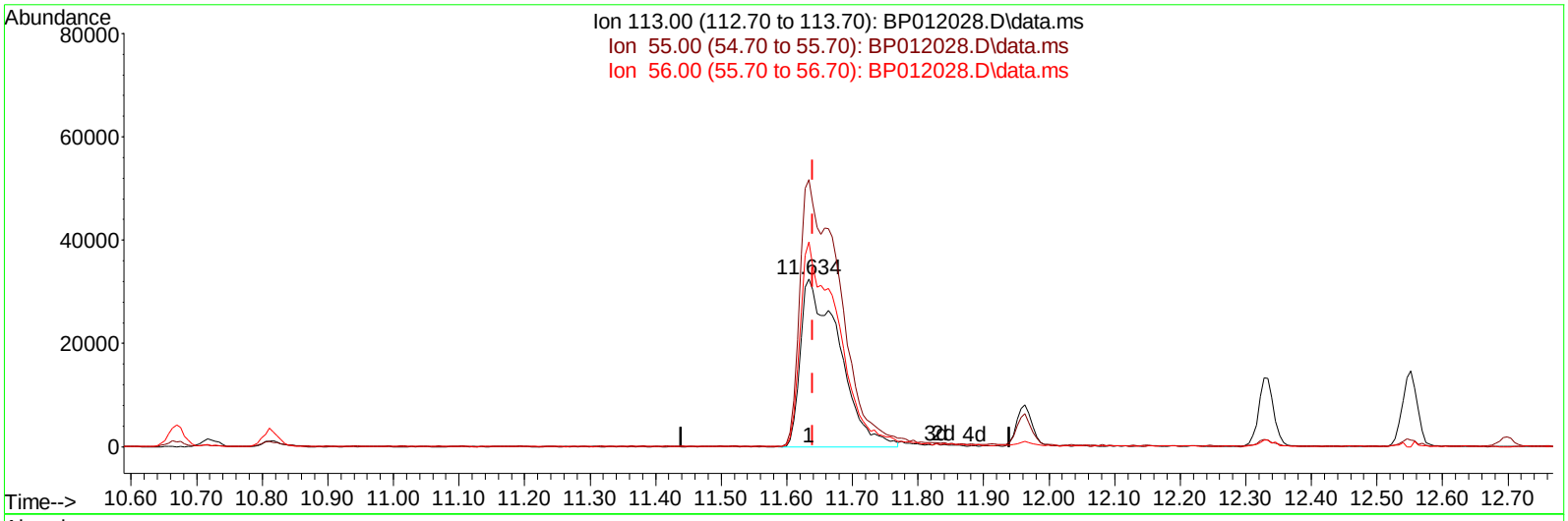

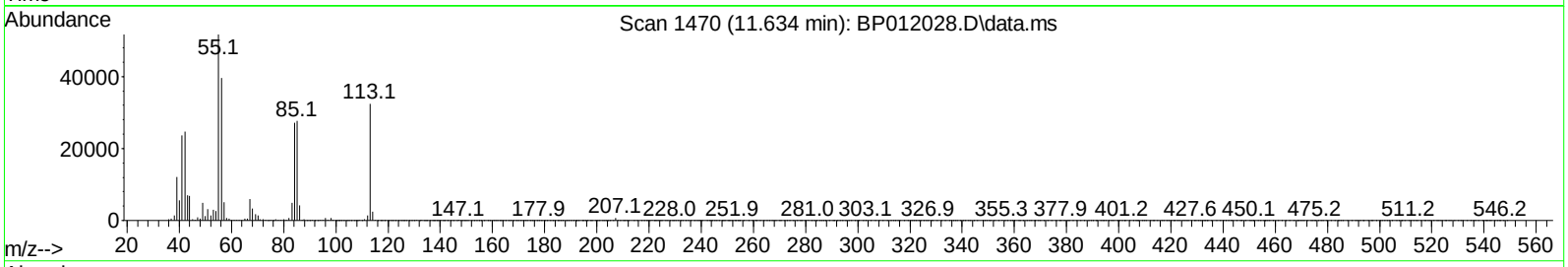

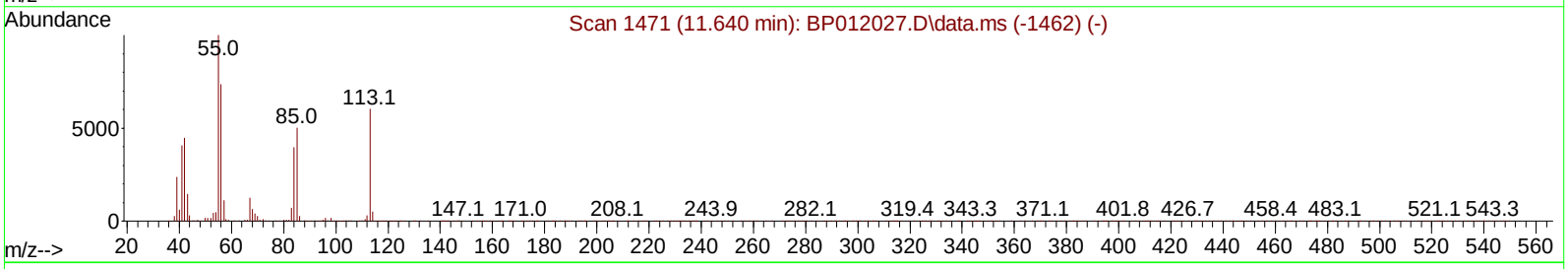

TIC: BP012028.D\data.ms

(34) Caprolactam

11.634min (-0.006) 35.24 ng/ul m

response 133259

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	166.10	159.27
56.00	122.10	122.21
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	7.863	152	163314	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	684093	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.510	164	394143	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.269	188	800222	20.000	ng/ul	0.00
79) Chrysene-d12	21.357	240	834220	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	872155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	27530m	7.434	ng/uL	0.00
4) Pyridine-d5	3.705	84	238926	22.028	ng/ul	0.00
7) Phenol-d5	7.028	99	580936	41.204	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	343058	43.898	ng/ul	0.00
11) 2-Chlorophenol-d4	7.393	132	459589	41.294	ng/ul	0.00
15) 4-Methylphenol-d8	8.575	113	433988	37.237	ng/ul	0.00
21) Nitrobenzene-d5	9.034	128	216416	41.533	ng/ul	0.00
24) 2-Nitrophenol-d4	9.752	143	225198	40.396	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	410234	39.784	ng/ul	0.00
31) 4-Chloroaniline-d4	10.810	131	596445	37.941	ng/ul	0.00
46) Dimethylphthalate-d6	13.922	166	1108829	39.341	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1377971	42.886	ng/ul	0.00
54) 4-Nitrophenol-d4	14.722	143	234570	40.190	ng/ul	0.00
60) Fluorene-d10	15.504	176	978605	39.980	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	182285	37.635	ng/ul	0.00
73) Anthracene-d10	17.369	188	1531478	42.014	ng/ul	0.00
81) Pyrene-d10	19.604	212	1740806	41.204	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1840913	42.166	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	28017	7.005	ng/uL	94
5) Pyridine	3.723	79	238180	22.625	ng/ul	99
6) Benzaldehyde	7.005	77	312319	50.569	ng/ul	99
8) Phenol	7.058	94	611471	41.815	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.287	93	478483	41.121	ng/ul	99
12) 2-Chlorophenol	7.422	128	492313	41.376	ng/ul	98
13) 2-Methylphenol	8.310	108	446698	38.772	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.399	45	561218	48.925	ng/ul	99
16) Acetophenone	8.693	105	697393	39.247	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.681	70	319729	38.229	ng/ul	98
18) 4-Methylphenol	8.640	108	483479	38.087	ng/ul	100
19) Hexachloroethane	8.940	117	199901	45.045	ng/ul	99
22) Nitrobenzene	9.075	77	524790	46.829	ng/ul	97
23) Isophorone	9.605	82	939222	41.315	ng/ul	99
25) 2-Nitrophenol	9.787	139	260105	40.851	ng/ul	98
26) 2,4-Dimethylphenol	9.846	107	492779	41.199	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.087	93	593279	40.450	ng/ul	100
29) 2,4-Dichlorophenol	10.316	162	425166	39.793	ng/ul	99
30) Naphthalene	10.722	128	1514979	41.231	ng/ul	99
32) 4-Chloroaniline	10.840	127	626300	38.943	ng/ul	99
33) Hexachlorobutadiene	10.999	225	250299	39.578	ng/ul	99
34) Caprolactam	11.634	113	133259m	35.241	ng/ul	
35) 4-Chloro-3-methylphenol	11.963	107	442832	39.090	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.334	142	981911	38.266	ng/ul	100
37) 1-Methylnaphthalene	12.551	142	989861	38.445	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.698	216	470745	41.184	ng/ul	100
40) Hexachlorocyclopentadiene	12.675	237	219366	33.594	ng/ul	98
41) 2,4,6-Trichlorophenol	12.940	196	312513	40.844	ng/ul	98
42) 2,4,5-Trichlorophenol	13.016	196	335665	40.274	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	1228291	42.133	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	983224	42.659	ng/ul	98
45) 2-Nitroaniline	13.598	65	256366	45.566	ng/ul	97
47) Dimethylphthalate	13.969	163	1168167	39.547	ng/ul	99
48) 2,6-Dinitrotoluene	14.093	165	222098	38.581	ng/ul	98
50) Acenaphthylene	14.234	152	1528870	42.842	ng/ul	99
51) 3-Nitroaniline	14.422	138	253951	38.060	ng/ul	94
52) Acenaphthene	14.575	153	1063286	42.232	ng/ul	99
53) 2,4-Dinitrophenol	14.634	184	130642	33.473	ng/ul	97
55) 4-Nitrophenol	14.734	109	174564	44.305	ng/ul	96
56) Dibenzofuran	14.910	168	1417408	41.103	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	345325	41.039	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.140	232	276419	38.177	ng/ul	99
59) Diethylphthalate	15.340	149	1169166	39.509	ng/ul	99
61) Fluorene	15.563	166	1154854	40.888	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.557	204	537815	38.464	ng/ul	100
63) 4-Nitroaniline	15.592	138	248112	38.968	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.645	198	200971	39.167	ng/ul#	99
67) N-Nitrosodiphenylamine	15.775	169	980510	41.537	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	318323	39.108	ng/ul	99
69) Hexachlorobenzene	16.569	284	360347	38.903	ng/ul	99
70) Atrazine	16.734	200	317458	37.271	ng/ul	98
71) Pentachlorophenol	16.916	266	220817	36.246	ng/ul	98
72) Phenanthrene	17.310	178	1854691	42.174	ng/ul	100
74) Anthracene	17.404	178	1885660	42.616	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.304	216	472644	42.792	ng/uL	100
76) Pentachlorobenzene	14.828	250	472498	40.034	ng/uL	99
77) Carbazole	17.681	167	1762785	44.093	ng/ul	99
78) Di-n-butylphthalate	18.222	149	1970928	40.257	ng/ul	98
80) Fluoranthene	19.281	202	2152102	41.624	ng/ul	99
82) Pyrene	19.633	202	2280589	42.364	ng/ul	99
83) Butylbenzylphthalate	20.504	149	917152	39.420	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.280	252	784281	40.838	ng/ul	99
85) Benzo(a)anthracene	21.345	228	2278375	41.764	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.263	149	1332710	38.027	ng/ul	99
87) Chrysene	21.398	228	2148409	41.964	ng/ul	100
89) Di-n-octyl phthalate	22.192	149	2324516	41.775	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2362798	42.445	ng/ul	99
91) Benzo(k)fluoranthene	23.092	252	2326799	43.406	ng/ul	100
93) Benzo(a)pyrene	23.674	252	2128708	42.850	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.310	276	2650261	41.913	ng/ul	99
95) Dibenzo(a,h)anthracene	26.321	278	2373799	42.260	ng/ul	99
96) Benzo(g,h,i)perylene	27.080	276	2358058	42.064	ng/ul	100

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

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