Quantitation Report (Qedit)

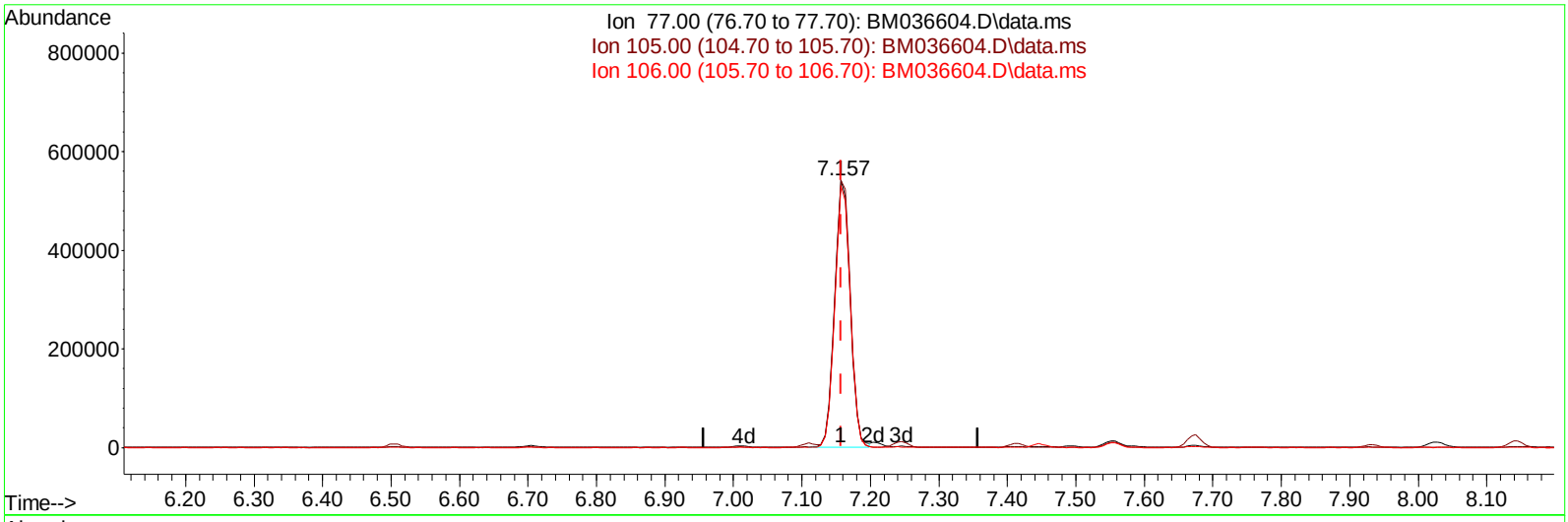
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
Data File : BM036604.D
Acq On : 20 Sep 2022 06:12
Operator : CG/JU
Sample : N4604-03MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

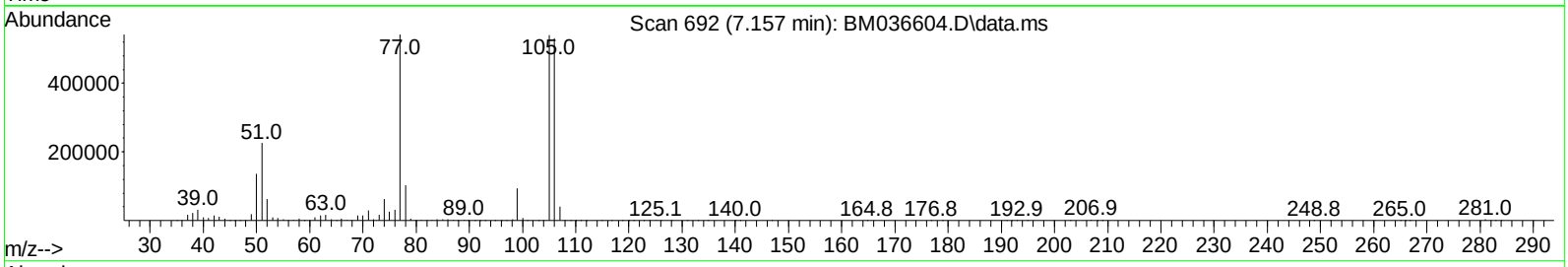
Quant Time: Sep 20 06:55:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 16 02:39:54 2022
Response via : Initial Calibration

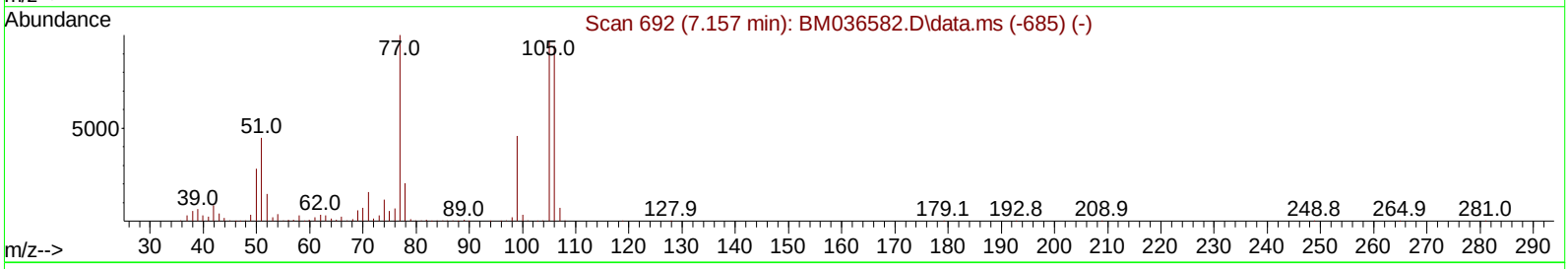
Instrument :
BNA_M
ClientSampleId :
A5748MSD

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/20/2022
Supervised By :mohammad ahmed 09/21/2022







TIC: BM036604.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 36.42 ng/ul

response 853239

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.80
106.00	91.30	98.08
0.00	0.00	0.00

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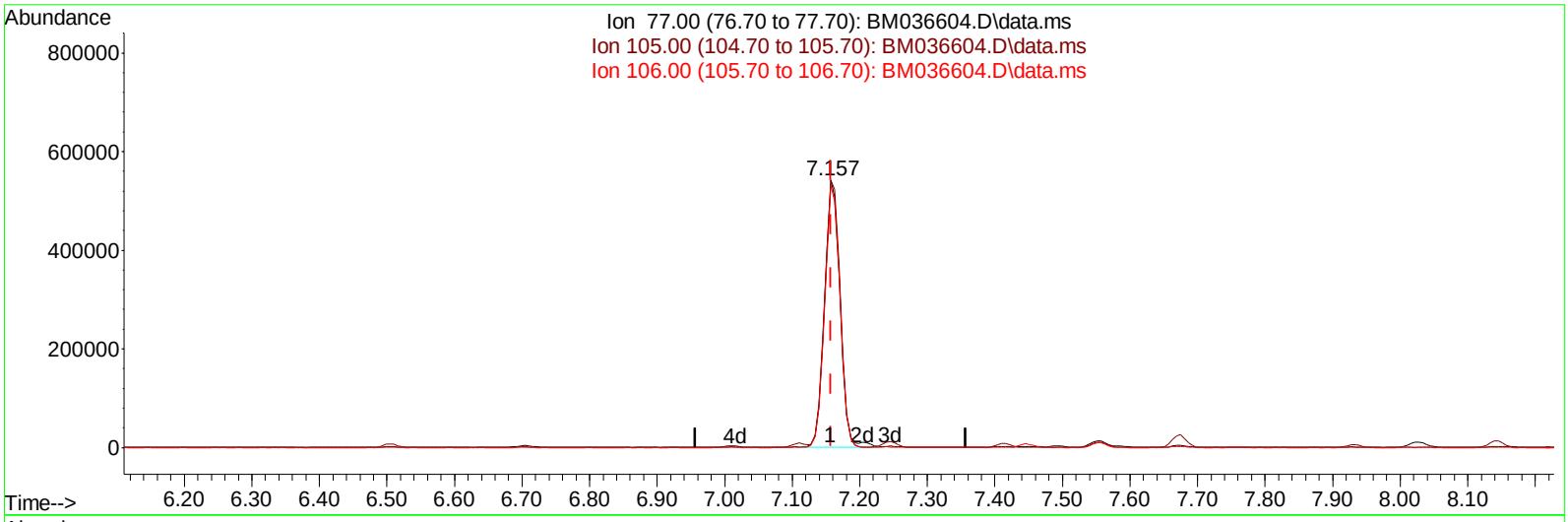

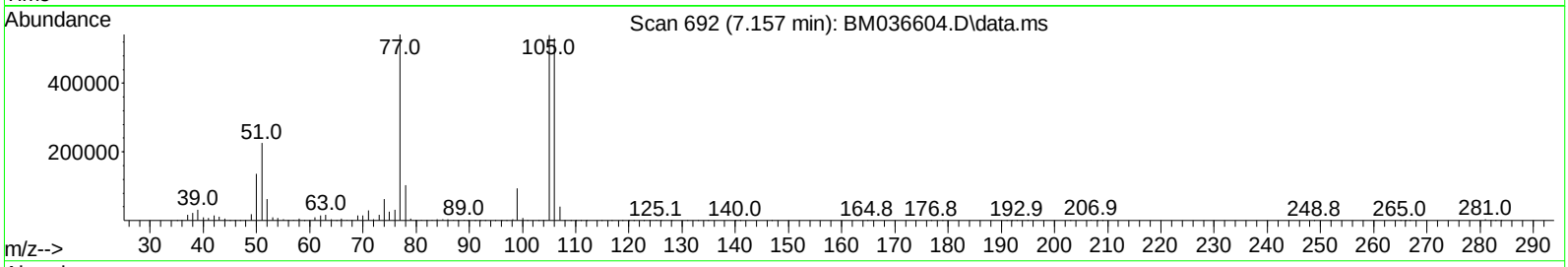

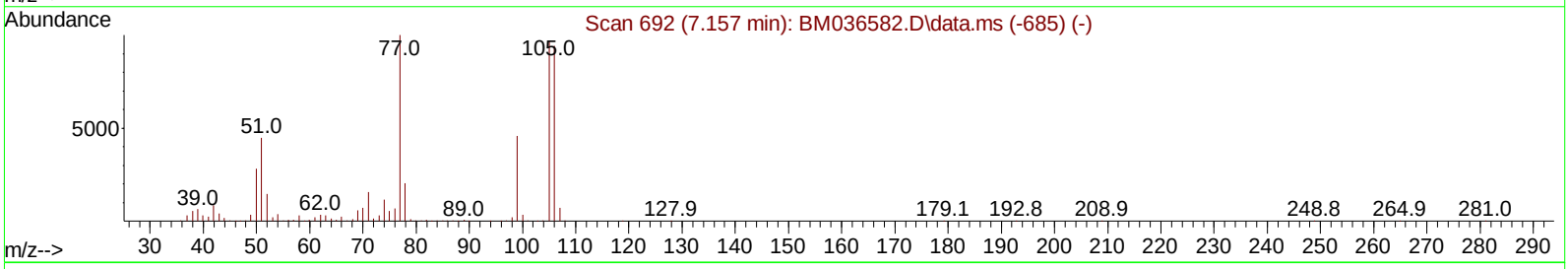

TIC: BM036604.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 36.91 ng/ul m

response 864760

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.80
106.00	91.30	98.08
0.00	0.00	0.00

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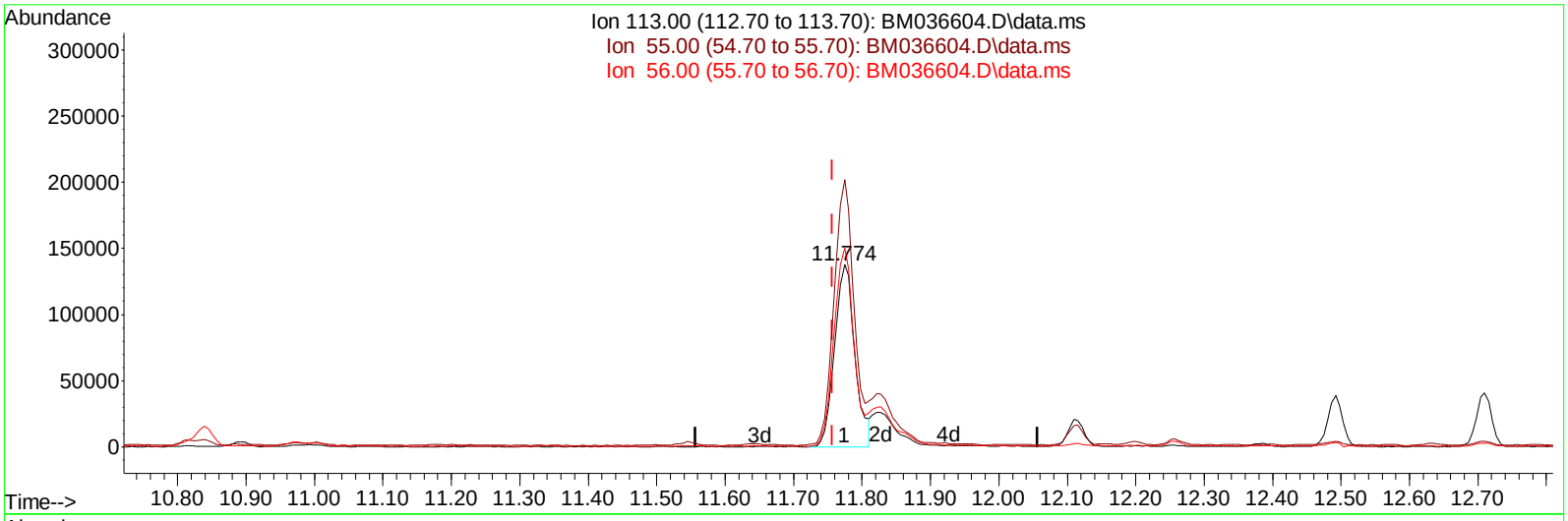

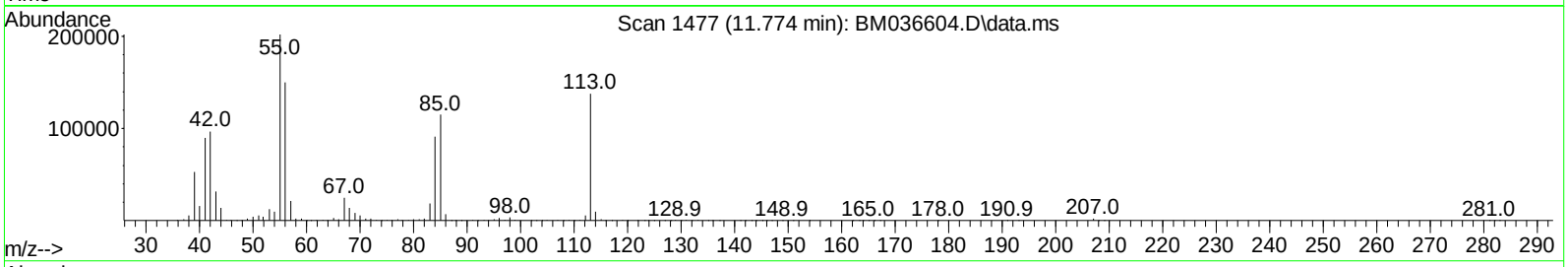

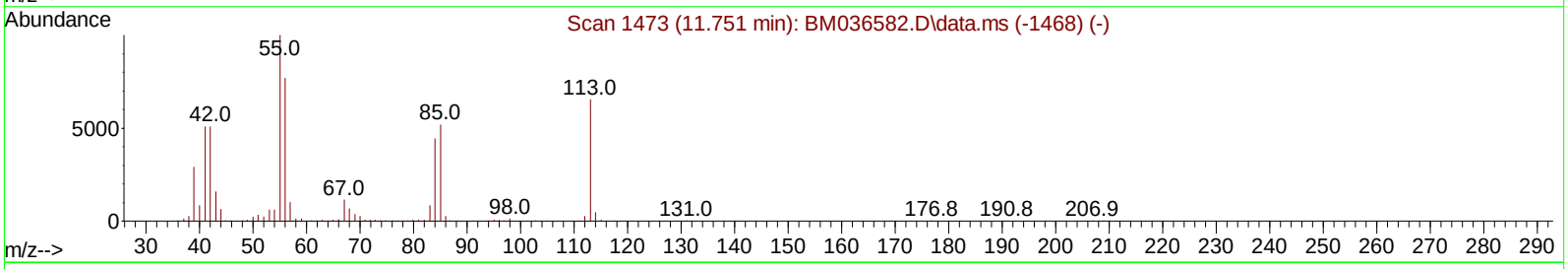

TIC: BM036604.D\data.ms

(34) Caprolactam

11.774min (+ 0.018) 25.01 ng/ul

response 283050

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.54
56.00	118.30	108.96
0.00	0.00	0.00

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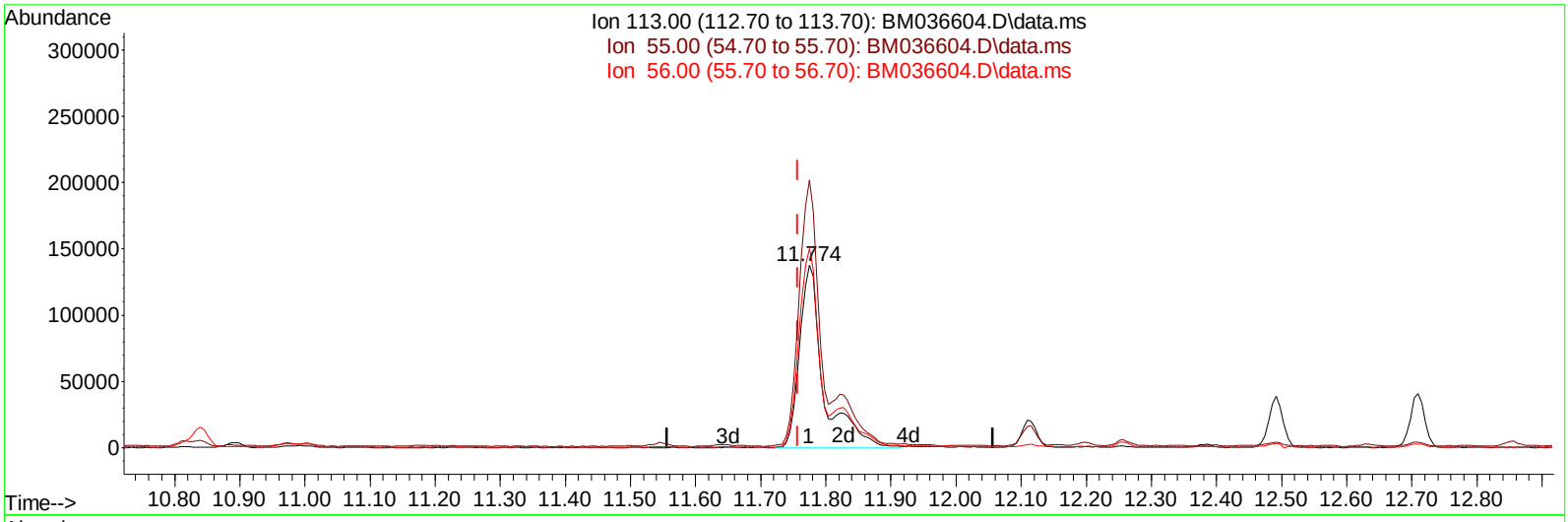

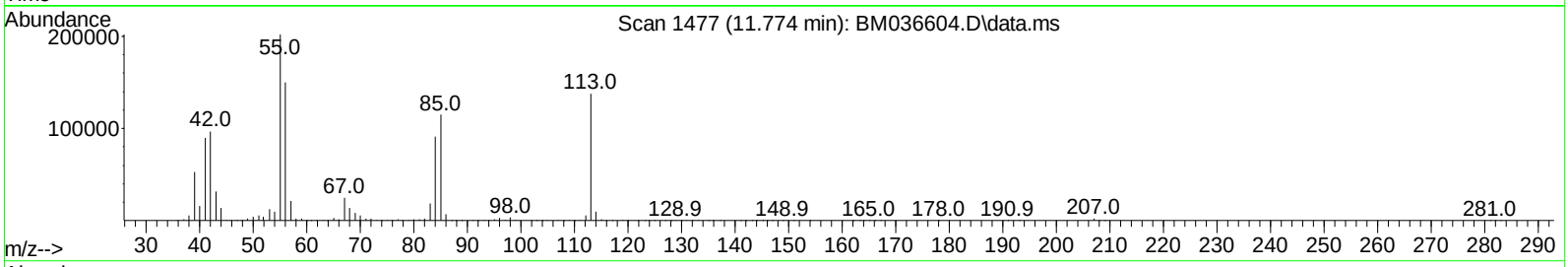

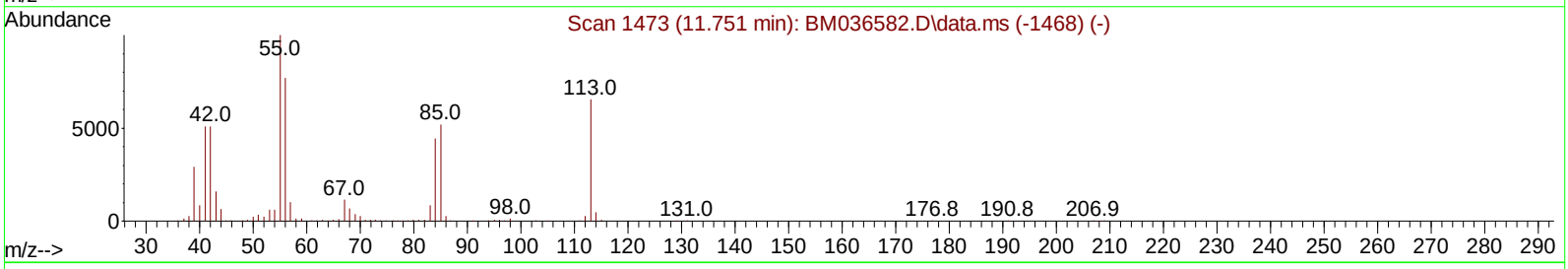

TIC: BM036604.D\data.ms

(34) Caprolactam

11.774min (+ 0.018) 30.82 ng/ul m

response 348781

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	146.54
56.00	118.30	108.96
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	8.028	152	541397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	2362022	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	1430561	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	2816220	20.000	ng/ul	0.00
79) Chrysene-d12	21.556	240	2102465	20.000	ng/ul	0.00
88) Perylene-d12	24.003	264	1780504	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	50081	3.468	ng/uL	0.00
4) Pyridine-d5	3.822	84	62713	1.489	ng/ul	0.00
7) Phenol-d5	7.181	99	1199036	24.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	711940	24.231	ng/ul	0.00
11) 2-Chlorophenol-d4	7.557	132	971706	27.896	ng/ul	0.00
15) 4-Methylphenol-d8	8.733	113	925573	25.891	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	496615	31.063	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	518996	36.242	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	954078	28.749	ng/ul	0.00
31) 4-Chloroaniline-d4	10.975	131	606838	10.998	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2673190	27.706	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	3315794	28.973	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	431932	23.081	ng/ul	0.01
60) Fluorene-d10	15.639	176	2556632	29.569	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	349307	31.350	ng/ul	0.00
73) Anthracene-d10	17.486	188	3557259	27.626	ng/ul	0.00
81) Pyrene-d10	19.768	212	3807047	36.807	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.850	264	2518897	28.957	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	129346	8.314	ng/uL	96
5) Pyridine	3.840	79	539417	12.747	ng/ul	89
6) Benzaldehyde	7.157	77	864760m	36.910	ng/ul	
8) Phenol	7.204	94	1447059	27.867	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.445	93	1054614	26.103	ng/ul	98
12) 2-Chlorophenol	7.586	128	1080144	28.666	ng/ul	96
13) 2-Methylphenol	8.469	108	1051947	27.561	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.563	45	1179699	24.636	ng/ul	97
16) Acetophenone	8.857	105	1693499	27.311	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.845	70	788996	26.370	ng/ul	93
18) 4-Methylphenol	8.798	108	1161864	28.151	ng/ul	100
19) Hexachloroethane	9.116	117	420935	27.581	ng/ul	91
22) Nitrobenzene	9.233	77	1183934	27.892	ng/ul	96
23) Isophorone	9.769	82	2322568	26.835	ng/ul	98
25) 2-Nitrophenol	9.951	139	594564	33.615	ng/ul	94
26) 2,4-Dimethylphenol	10.004	107	1206000	27.645	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.251	93	1375026	26.655	ng/ul	99
29) 2,4-Dichlorophenol	10.480	162	1030584	29.539	ng/ul	100
30) Naphthalene	10.892	128	3656247	28.415	ng/ul	100
32) 4-Chloroaniline	10.998	127	1016609	17.846	ng/ul	100
33) Hexachlorobutadiene	11.180	225	582083	27.279	ng/ul	99
34) Caprolactam	11.774	113	348781m	30.818	ng/ul	
35) 4-Chloro-3-methylphenol	12.110	107	1127336	29.271	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	12.492	142	2482737	28.959	ng/ul	100
37) 1-Methylnaphthalene	12.710	142	2483803	28.819	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.857	216	1139144	28.134	ng/ul	100
40) Hexachlorocyclopentadiene	12.839	237	427342	20.252	ng/ul	99
41) 2,4,6-Trichlorophenol	13.092	196	781189	31.510	ng/ul	100
42) 2,4,5-Trichlorophenol	13.163	196	858791	32.309	ng/ul	98
43) 1,1'-Biphenyl	13.492	154	2963521	28.102	ng/ul	99
44) 2-Chloronaphthalene	13.533	162	2326750	28.118	ng/ul	99
45) 2-Nitroaniline	13.733	65	694001	34.073	ng/ul	94
47) Dimethylphthalate	14.110	163	2872282	28.064	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	601385	36.142	ng/ul	93
50) Acenaphthylene	14.374	152	4615944	35.278	ng/ul	99
51) 3-Nitroaniline	14.557	138	644868	32.313	ng/ul#	93
52) Acenaphthene	14.715	153	2630724	28.735	ng/ul	100
53) 2,4-Dinitrophenol	14.762	184	268246	36.331	ng/ul	90
55) 4-Nitrophenol	14.851	109	442398	27.655	ng/ul	93
56) Dibenzofuran	15.051	168	3502664	28.488	ng/ul	99
57) 2,4-Dinitrotoluene	15.010	165	862702	35.663	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.268	232	697180	31.333	ng/ul#	98
59) Diethylphthalate	15.468	149	2918295	28.484	ng/ul	99
61) Fluorene	15.698	166	3020540	28.845	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.692	204	1349735	26.951	ng/ul	98
63) 4-Nitroaniline	15.709	138	704403	36.329	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.768	198	409498	32.568	ng/ul#	94
67) N-Nitrosodiphenylamine	15.898	169	2447313	29.505	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	795080	28.643	ng/ul	99
69) Hexachlorobenzene	16.692	284	948144	28.879	ng/ul	98
70) Atrazine	16.851	200	857374	29.292	ng/ul	98
71) Pentachlorophenol	17.033	266	546015	27.998	ng/ul	98
72) Phenanthrene	17.433	178	7223277	46.566	ng/ul	98
74) Anthracene	17.521	178	5668184	35.950	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.457	216	1190219	30.900	ng/uL	99
76) Pentachlorobenzene	14.968	250	1075572	25.818	ng/uL	99
77) Carbazole	17.786	167	4358175	29.855	ng/ul	100
78) Di-n-butylphthalate	18.356	149	5302245	32.046	ng/ul	99
80) Fluoranthene	19.439	202	12660389	99.887	ng/ul	97
82) Pyrene	19.803	202	12770892	95.188	ng/ul	96
83) Butylbenzylphthalate	20.692	149	2191966	43.116	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	801274	19.505	ng/ul	97
85) Benzo(a)anthracene	21.544	228	8966512	68.067	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.468	149	3323527	44.753	ng/ul	99
87) Chrysene	21.597	228	8395846	67.147	ng/ul	97
89) Di-n-octyl phthalate	22.415	149	5136465	47.851	ng/ul	100
90) Benzo(b)fluoranthene	23.262	252	9989475	88.474	ng/ul	98
91) Benzo(k)fluoranthene	23.309	252	5583515	49.490	ng/ul	97
93) Benzo(a)pyrene	23.903	252	6539463	65.884	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.568	276	5695419	49.136	ng/ul	98
95) Dibenzo(a,h)anthracene	26.579	278	3706682	35.262	ng/ul	99
96) Benzo(g,h,i)perylene	27.350	276	4431044	44.096	ng/ul	99

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

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