Quantitation Report (Qedit)

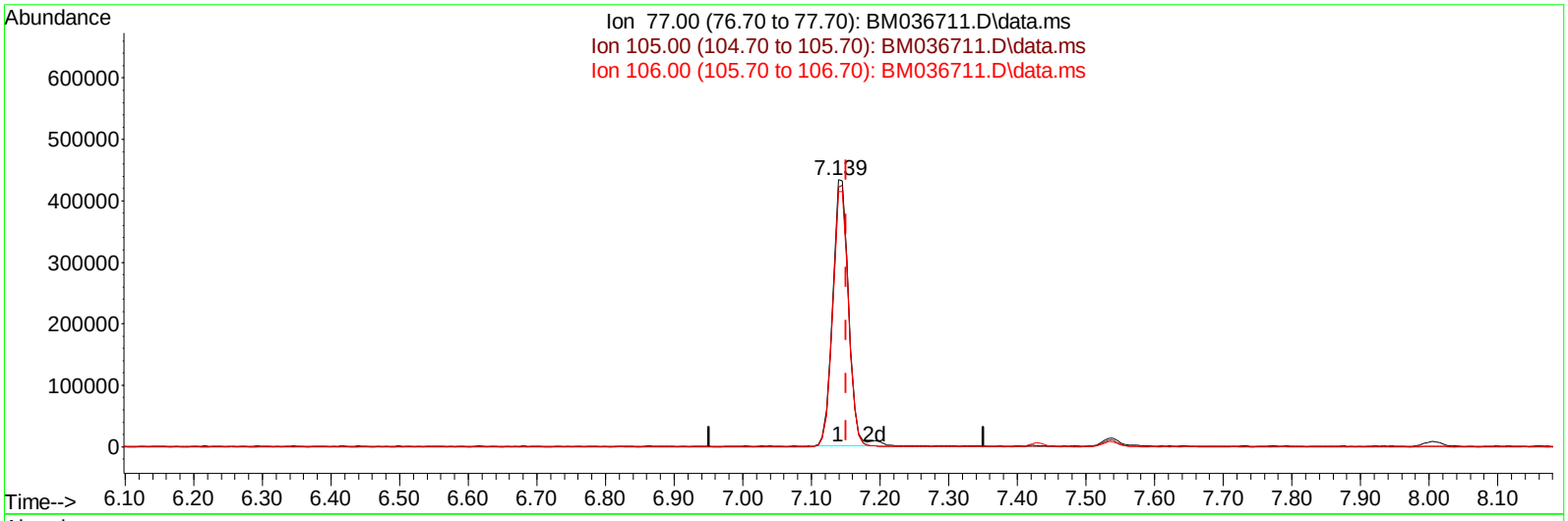
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
Data File : BM036711.D
Acq On : 24 Sep 2022 12:44
Operator : CG/JU
Sample : PB147712BS
Misc :
ALS Vial : 44 Sample Multiplier: 1

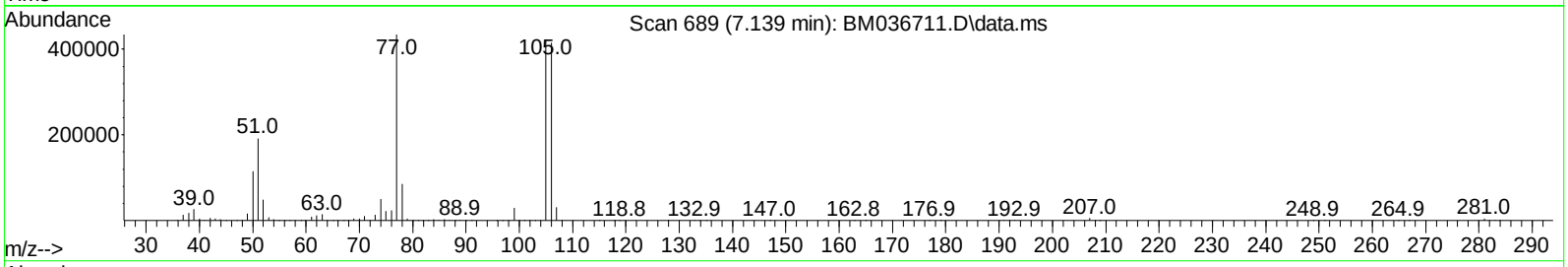
Quant Time: Sep 26 01:10:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 24 00:41:16 2022
Response via : Initial Calibration

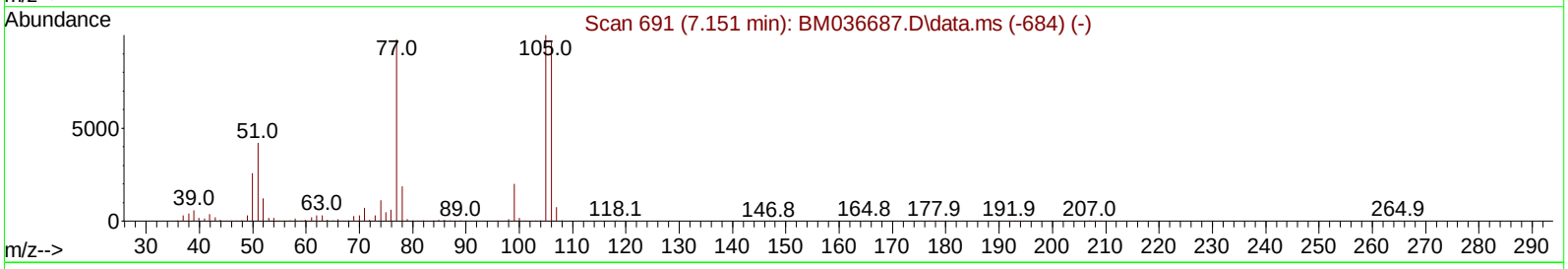
Instrument :
BNA_M
ClientSampleId :
SLCS712

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
Supervised By :mohammad ahmed 09/26/2022







TIC: BM036711.D\data.ms

(6) Benzaldehyde

7.139min (-0.012) 41.32 ng/ul

response 690338

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.19
106.00	91.30	95.49
0.00	0.00	0.00

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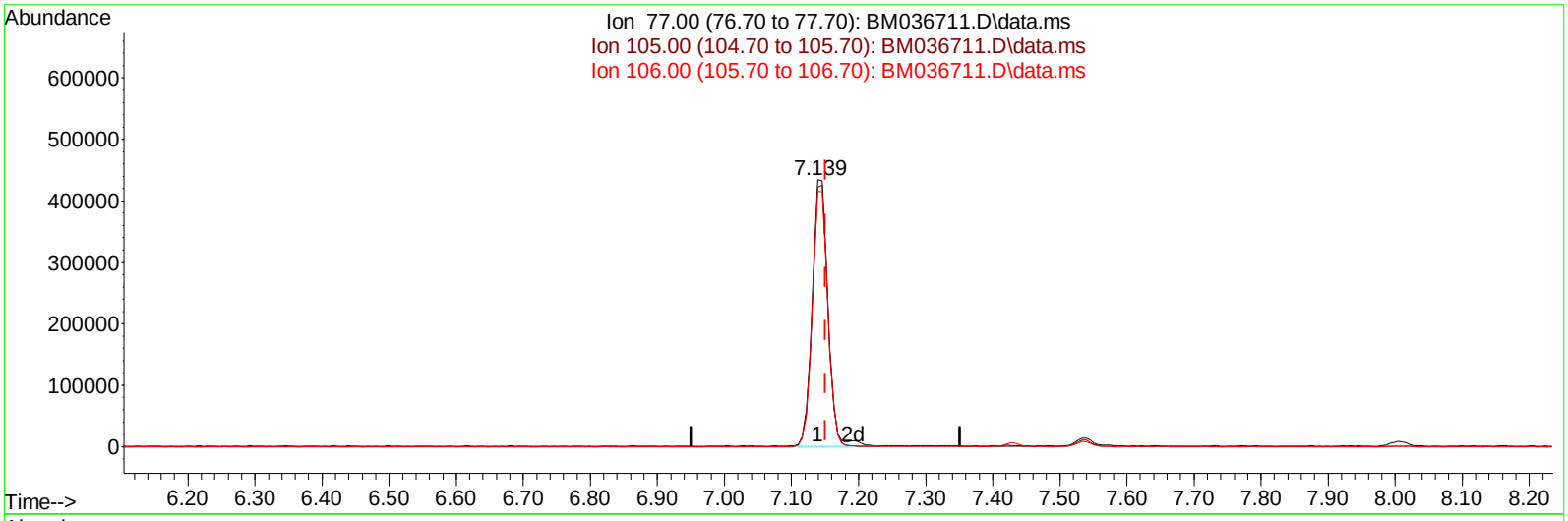

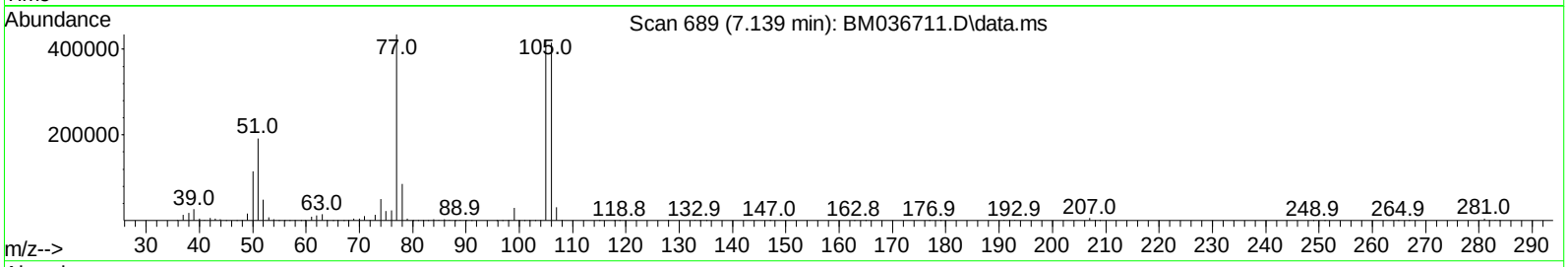

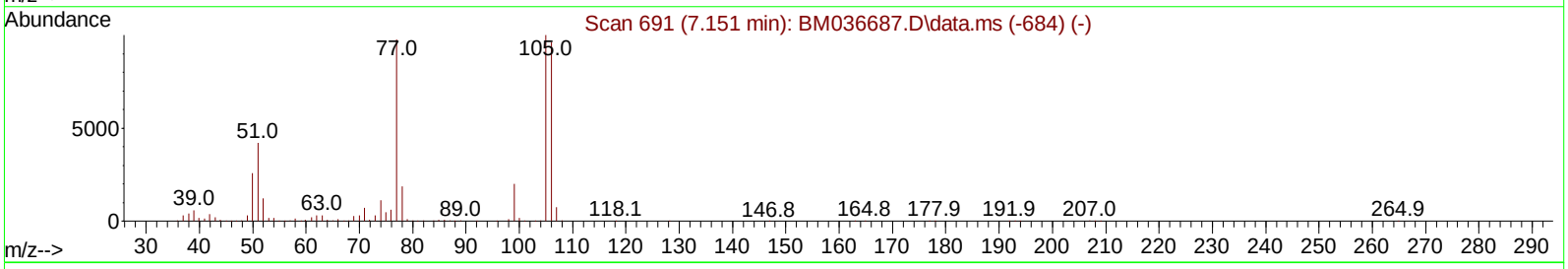

TIC: BM036711.D\data.ms

(6) Benzaldehyde

7.139min (-0.012) 42.08 ng/ul m

response 702999

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	97.19
106.00	91.30	95.49
0.00	0.00	0.00

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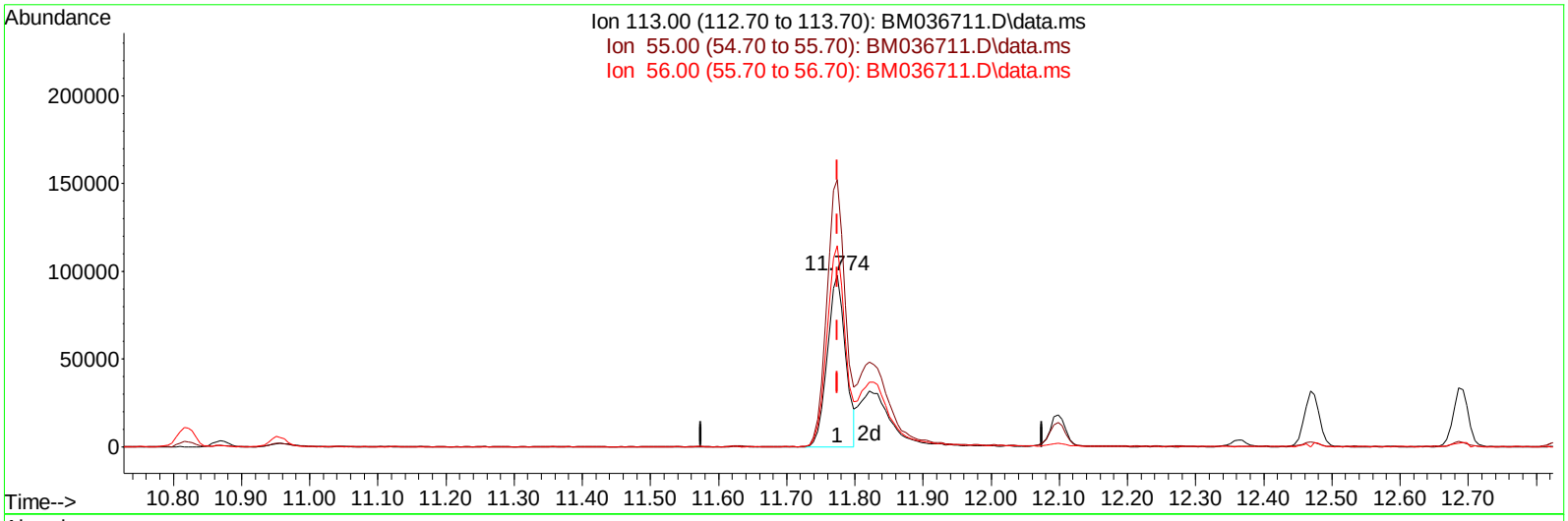

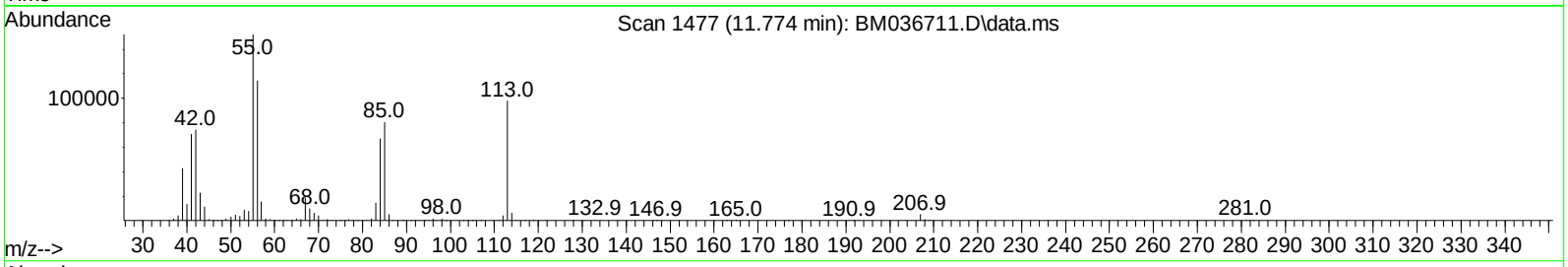

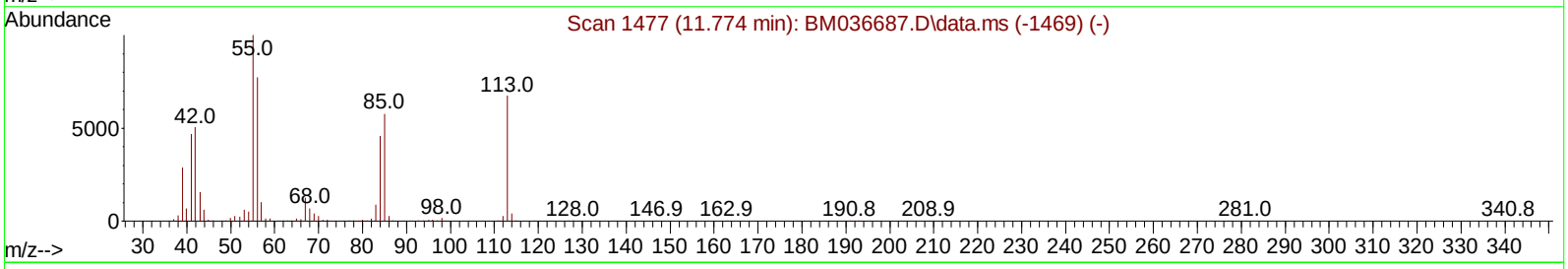

TIC: BM036711.D\data.ms

(34) Caprolactam

11.774min (0.000) 20.82 ng/ul

response 181368

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.41
56.00	118.30	117.13
0.00	0.00	0.00

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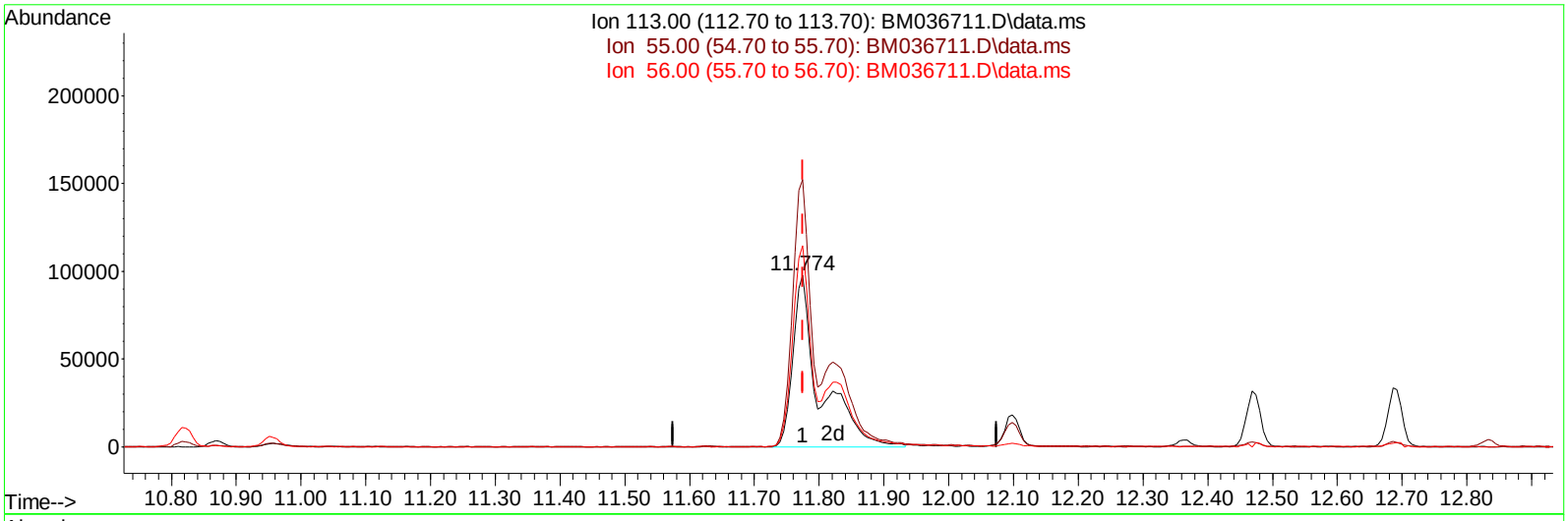

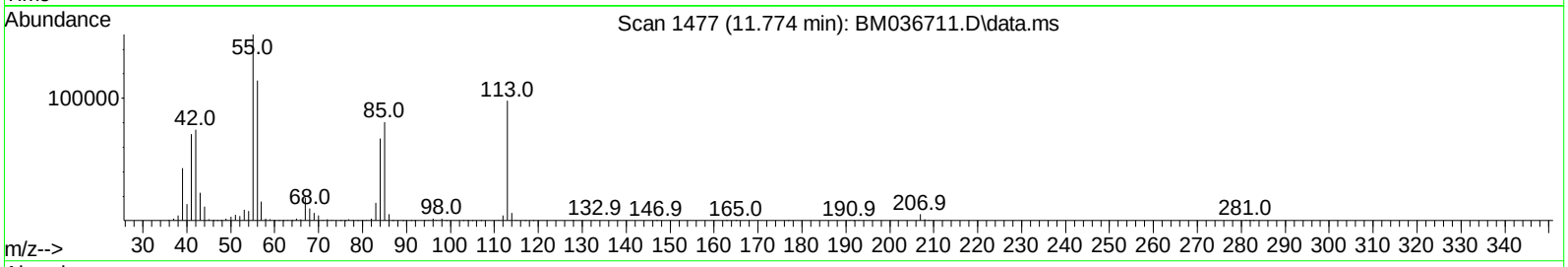

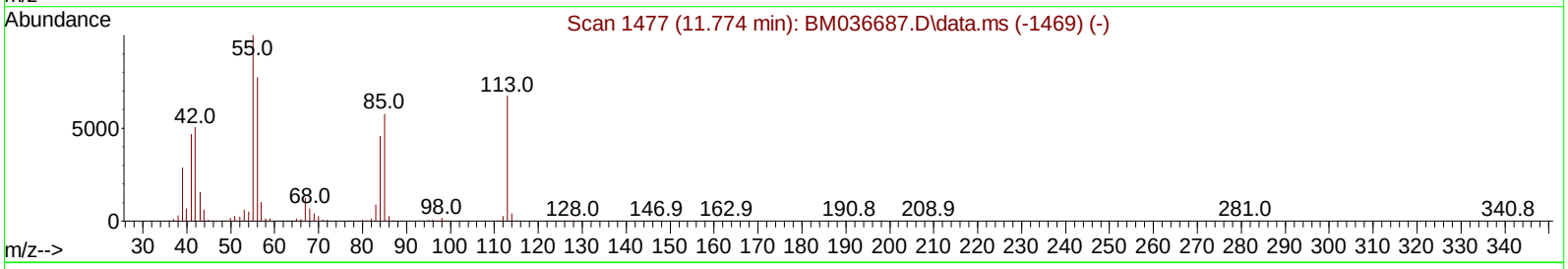

TIC: BM036711.D\data.ms

(34) Caprolactam

11.774min (0.000) 32.45 ng/ul m

response 282654

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	155.41
56.00	118.30	117.13
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	8.004	152	386035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.822	136	1817964	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.633	164	1157065	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.368	188	2318943	20.000	ng/ul	0.00
79) Chrysene-d12	21.538	240	1816188	20.000	ng/ul	0.00
88) Perylene-d12	23.974	264	1497717	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	51567	5.008	ng/uL	0.00
4) Pyridine-d5	3.810	84	726716	24.198	ng/ul	0.00
7) Phenol-d5	7.163	99	1121601	32.512	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.334	67	647481	30.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.534	132	863780	34.778	ng/ul	0.00
15) 4-Methylphenol-d8	8.722	113	869345	34.105	ng/ul	0.00
21) Nitrobenzene-d5	9.175	128	426314	34.646	ng/ul	0.00
24) 2-Nitrophenol-d4	9.898	143	426409	38.688	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.439	165	834165	32.657	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	916103	21.572	ng/ul	0.00
46) Dimethylphthalate-d6	14.045	166	2370940	30.382	ng/ul	0.00
49) Acenaphthylene-d8	14.327	160	2963565	32.016	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	464868	30.713	ng/ul	0.00
60) Fluorene-d10	15.621	176	2118434	30.292	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	317703	34.628	ng/ul	0.00
73) Anthracene-d10	17.468	188	3149547	29.705	ng/ul	0.00
81) Pyrene-d10	19.750	212	3434907	38.444	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.815	264	2377009	32.485	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	110386	9.951	ng/uL	95
5) Pyridine	3.834	79	826338	27.387	ng/ul	94
6) Benzaldehyde	7.139	77	702999m	42.082	ng/ul	
8) Phenol	7.192	94	1220912	32.975	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	914795	31.755	ng/ul	99
12) 2-Chlorophenol	7.569	128	918113	34.173	ng/ul	98
13) 2-Methylphenol	8.451	108	900100	33.074	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.539	45	1039775	30.453	ng/ul	98
16) Acetophenone	8.839	105	1430947	32.364	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.828	70	720822	33.787	ng/ul	96
18) 4-Methylphenol	8.780	108	991308	33.685	ng/ul	98
19) Hexachloroethane	9.092	117	346026	31.797	ng/ul	96
22) Nitrobenzene	9.216	77	1046441	32.031	ng/ul	98
23) Isophorone	9.751	82	1962620	29.463	ng/ul	99
25) 2-Nitrophenol	9.927	139	494848	36.350	ng/ul	98
26) 2,4-Dimethylphenol	9.992	107	970655	28.909	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.227	93	1244493	31.344	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	872049	32.475	ng/ul	99
30) Naphthalene	10.869	128	2966670	29.955	ng/ul	100
32) 4-Chloroaniline	10.980	127	1052785	24.011	ng/ul	99
33) Hexachlorobutadiene	11.157	225	480150	29.236	ng/ul	100
34) Caprolactam	11.774	113	282654m	32.450	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	980186	33.067	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	12.468	142	2015173	30.540	ng/ul	99
37)	1-Methylnaphthalene	12.686	142	2046102	30.845	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.833	216	972228	29.687	ng/ul	98
40)	Hexachlorocyclopentadiene	12.816	237	354397	20.765	ng/ul	99
41)	2,4,6-Trichlorophenol	13.074	196	593309	29.588	ng/ul	99
42)	2,4,5-Trichlorophenol	13.145	196	675871	31.438	ng/ul	99
43)	1,1'-Biphenyl	13.474	154	2682993	31.456	ng/ul	99
44)	2-Chloronaphthalene	13.515	162	2051186	30.647	ng/ul	99
45)	2-Nitroaniline	13.721	65	618718	37.557	ng/ul	97
47)	Dimethylphthalate	14.092	163	2504255	30.252	ng/ul	100
48)	2,6-Dinitrotoluene	14.215	165	503949	37.445	ng/ul	93
50)	Acenaphthylene	14.357	152	3347587	31.632	ng/ul	99
51)	3-Nitroaniline	14.539	138	586857	36.357	ng/ul#	96
52)	Acenaphthene	14.698	153	2190903	29.587	ng/ul	100
53)	2,4-Dinitrophenol	14.739	184	200258	33.534	ng/ul	97
55)	4-Nitrophenol	14.845	109	387983	29.986	ng/ul	95
56)	Dibenzofuran	15.033	168	3085896	31.031	ng/ul	98
57)	2,4-Dinitrotoluene	14.992	165	721510	36.876	ng/ul	96
58)	2,3,4,6-Tetrachlorophenol	15.251	232	456766	25.381	ng/ul#	94
59)	Diethylphthalate	15.451	149	2520535	30.416	ng/ul	100
61)	Fluorene	15.674	166	2589328	30.572	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.668	204	1228905	30.339	ng/ul	99
63)	4-Nitroaniline	15.698	138	606456	38.671	ng/ul	99
66)	4,6-Dinitro-2-methylph...	15.751	198	337772	32.625	ng/ul	99
67)	N-Nitrosodiphenylamine	15.886	169	2116610	30.990	ng/ul	99
68)	4-Bromophenyl-phenylether	16.562	248	677044	29.622	ng/ul	100
69)	Hexachlorobenzene	16.674	284	784501	29.019	ng/ul	96
70)	Atrazine	16.833	200	56495	2.344	ng/ul	96
71)	Pentachlorophenol	17.015	266	345378	21.508	ng/ul	99
72)	Phenanthrene	17.415	178	3911286	30.622	ng/ul	99
74)	Anthracene	17.503	178	3928792	30.261	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.439	216	986105	31.091	ng/uL	99
76)	Pentachlorobenzene	14.951	250	962960	28.071	ng/uL	99
77)	Carbazole	17.774	167	3584153	29.818	ng/ul	99
78)	Di-n-butylphthalate	18.339	149	4353477	31.954	ng/ul	100
80)	Fluoranthene	19.421	202	4306730	39.335	ng/ul	99
82)	Pyrene	19.780	202	4425280	38.183	ng/ul	98
83)	Butylbenzylphthalate	20.674	149	1776473	40.451	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.456	252	1154536	32.534	ng/ul	98
85)	Benzo(a)anthracene	21.521	228	3624836	31.854	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.450	149	2670186	41.623	ng/ul	100
87)	Chrysene	21.574	228	3477781	32.198	ng/ul	100
89)	Di-n-octyl phthalate	22.385	149	3989771	44.187	ng/ul	100
90)	Benzo(b)fluoranthene	23.227	252	3130753	32.964	ng/ul	99
91)	Benzo(k)fluoranthene	23.280	252	3074715	32.399	ng/ul	99
93)	Benzo(a)pyrene	23.862	252	2967645	35.544	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	26.509	276	3125708	32.058	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.526	278	2737905	30.963	ng/ul	98
96)	Benzo(g,h,i)perylene	27.291	276	2569848	30.403	ng/ul	98

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

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