Quantitation Report (Qedit)

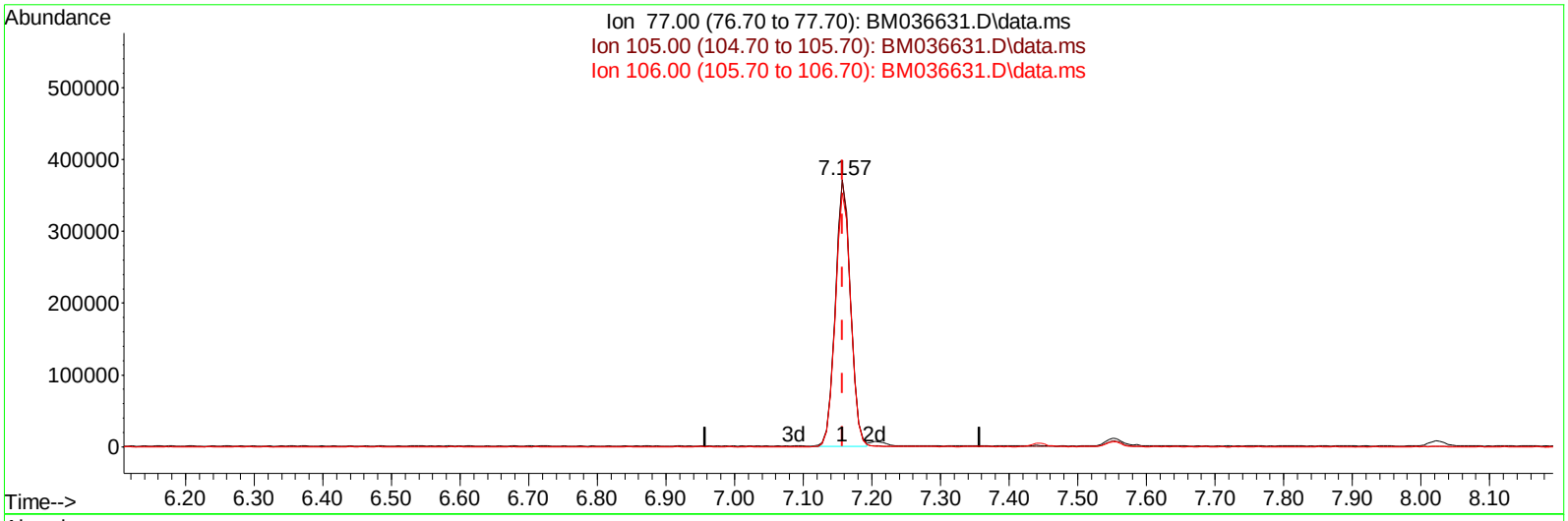
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
Data File : BM036631.D
Acq On : 21 Sep 2022 18:48
Operator : CG/JU
Sample : PB147714BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

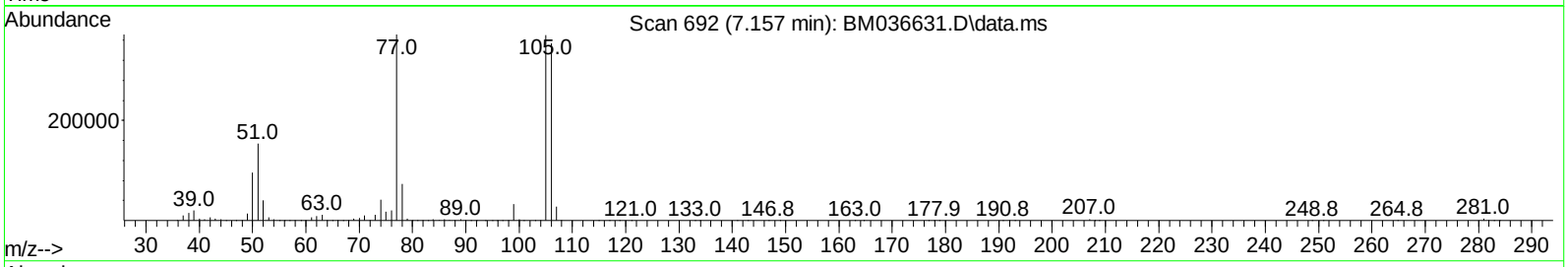
Quant Time: Sep 21 22:51:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 21 22:42:41 2022
Response via : Initial Calibration

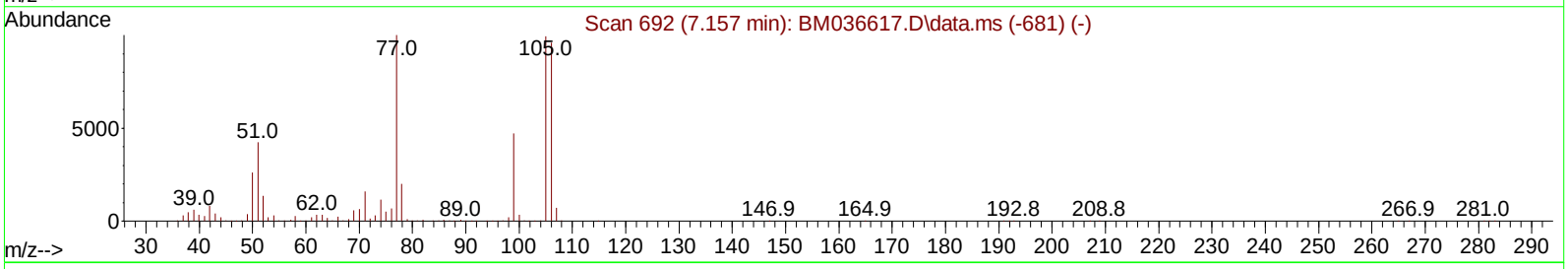
Instrument :
BNA_M
ClientSampleId :
SLCS714

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/22/2022
Supervised By :mohammad ahmed 09/23/2022







TIC: BM036631.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 40.24 ng/ul

response 567306

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.76
106.00	91.30	95.21
0.00	0.00	0.00

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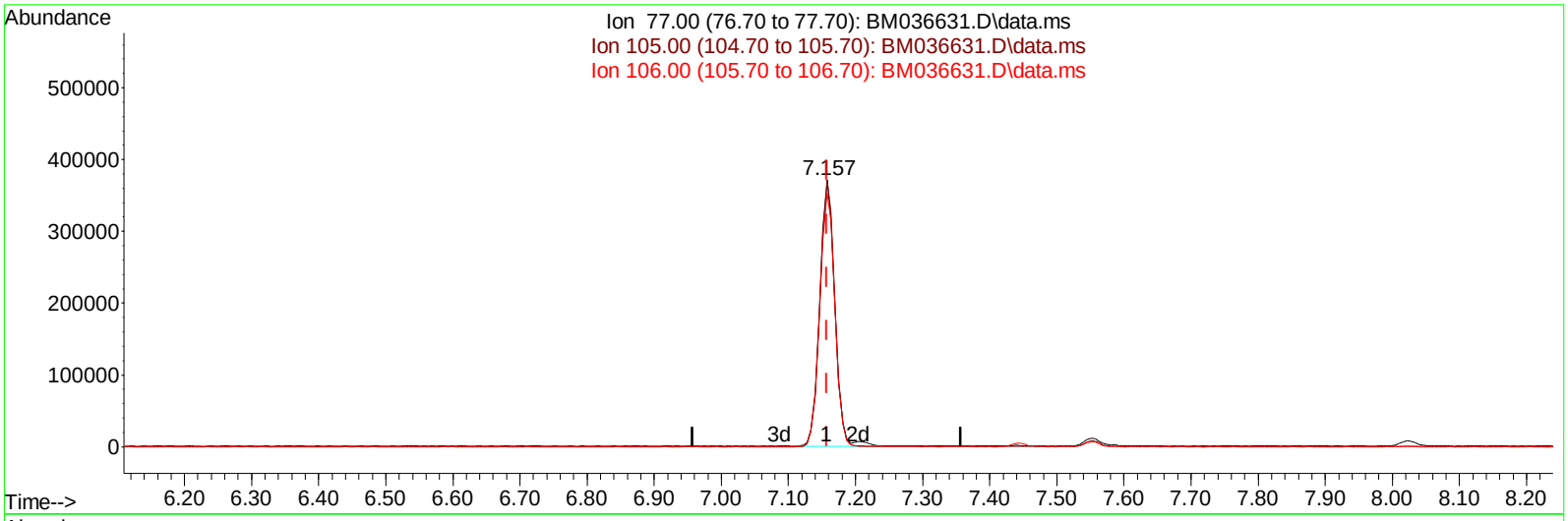

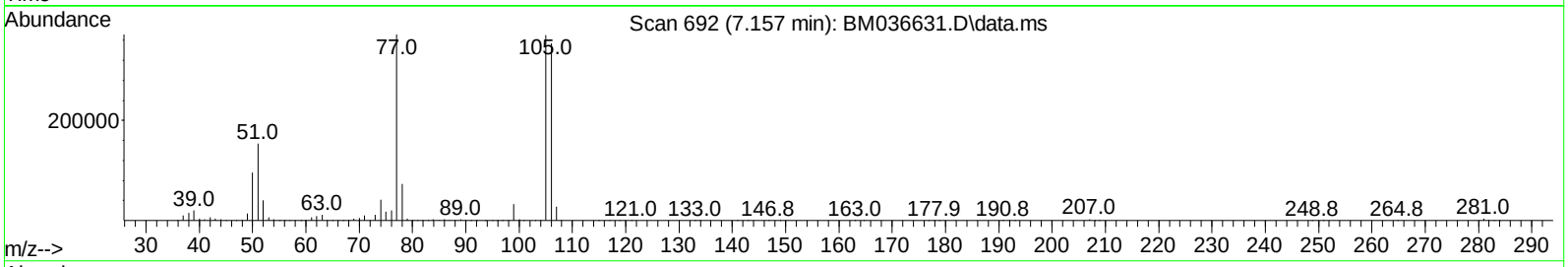

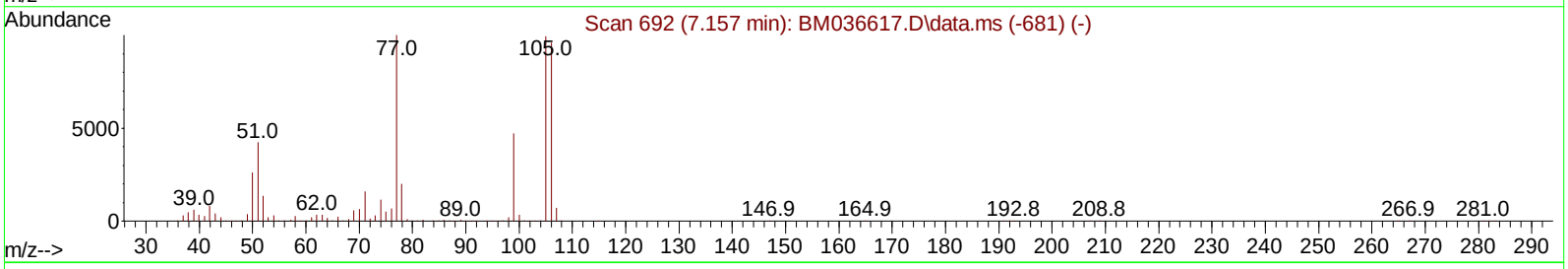

TIC: BM036631.D\data.ms

(6) Benzaldehyde

7.157min (-0.000) 41.04 ng/ul m

response 578584

Ion	Exp%	Act%
77.00	100.00	100.00
105.00	93.90	99.76
106.00	91.30	95.21
0.00	0.00	0.00

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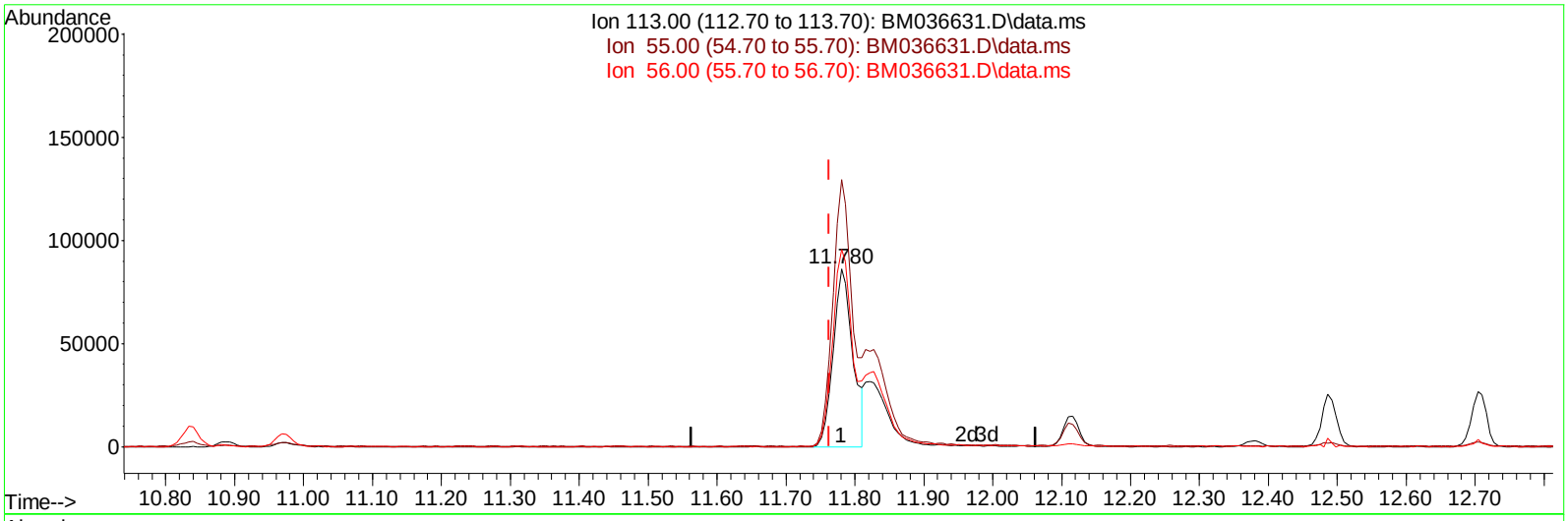

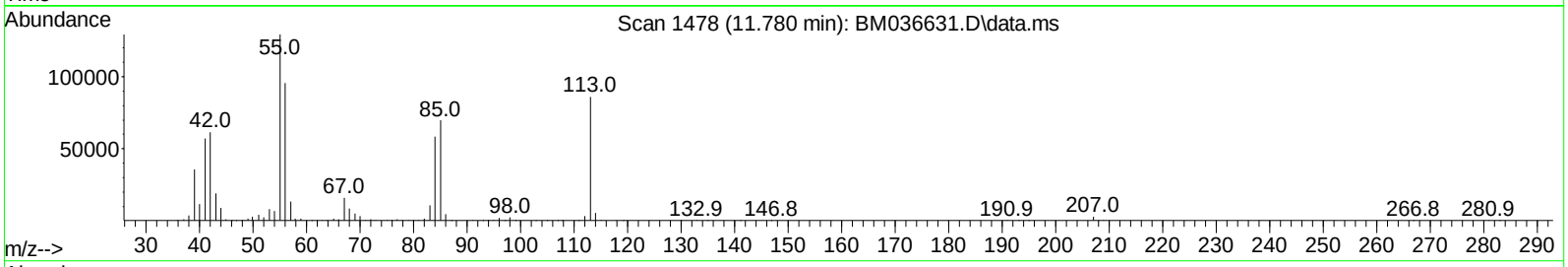

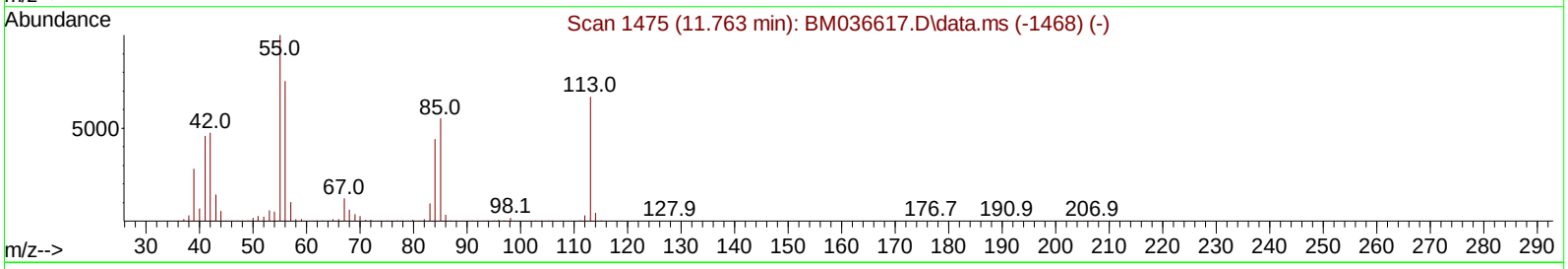

TIC: BM036631.D\data.ms

(34) Caprolactam

11.780min (+ 0.018) 23.80 ng/ul

response 170029

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	150.06
56.00	118.30	110.84
0.00	0.00	0.00

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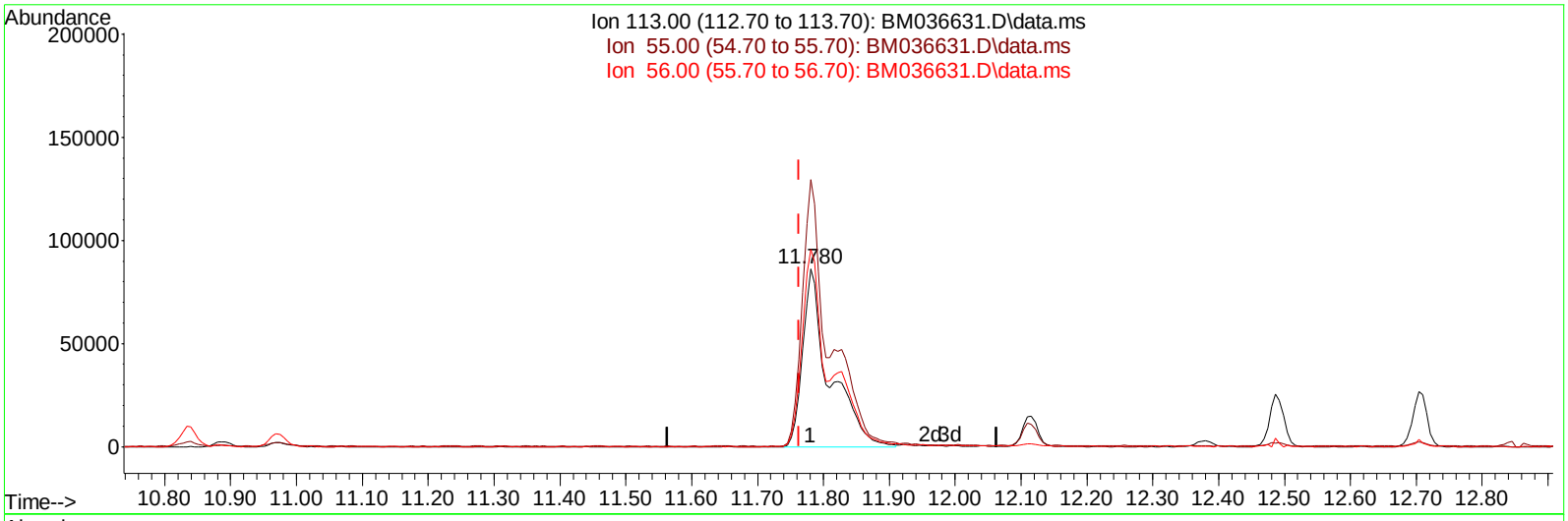

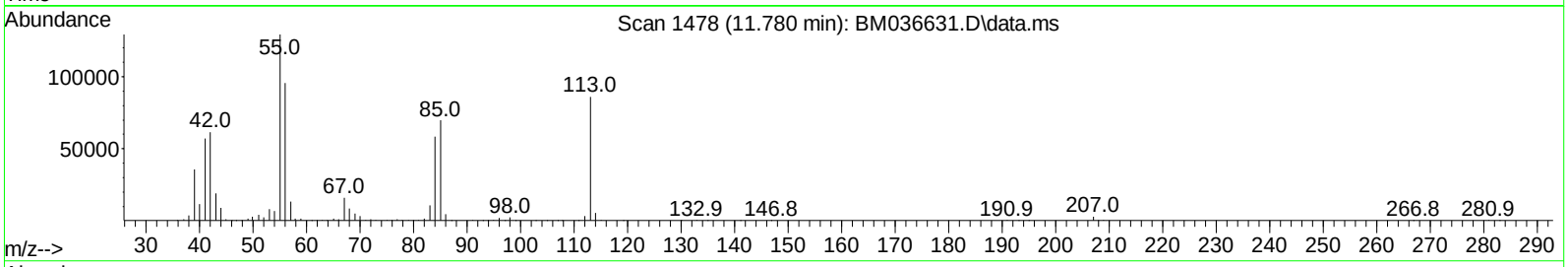

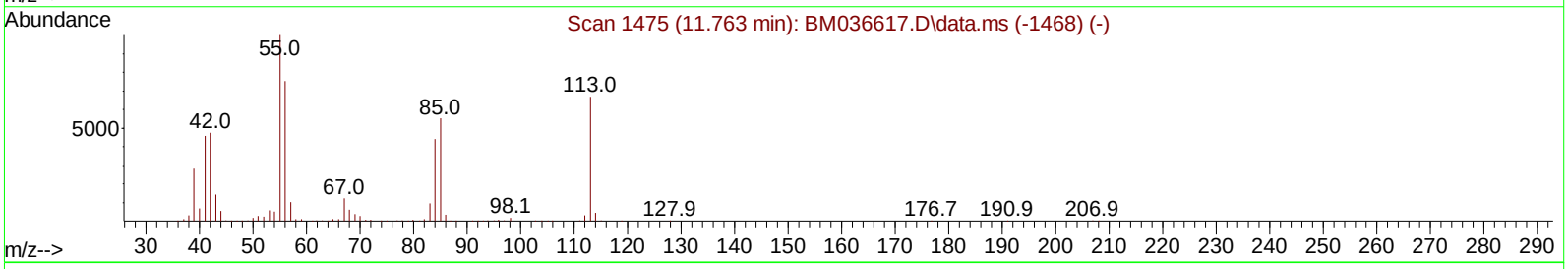

TIC: BM036631.D\data.ms

(34) Caprolactam

11.780min (+ 0.018) 34.16 ng/ul m

response 244040

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	159.40	150.06
56.00	118.30	110.84
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	325752	20.000	ng/ul	0.00
20) Naphthalene-d8	10.839	136	1490959	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.651	164	970251	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.386	188	1988625	20.000	ng/ul	0.00
79) Chrysene-d12	21.550	240	1847275	20.000	ng/ul	0.00
88) Perylene-d12	23.997	264	1565566	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	42443	4.884	ng/uL	0.00
4) Pyridine-d5	3.822	84	434839	17.158	ng/ul	0.00
7) Phenol-d5	7.181	99	896109	30.783	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	527591	29.843	ng/ul	0.00
11) 2-Chlorophenol-d4	7.551	132	703442	33.564	ng/ul	0.00
15) 4-Methylphenol-d8	8.734	113	724411	33.678	ng/ul	0.00
21) Nitrobenzene-d5	9.192	128	354698	35.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.916	143	373735	41.346	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	698206	33.330	ng/ul	0.00
31) 4-Chloroaniline-d4	10.969	131	997372	28.636	ng/ul	0.00
46) Dimethylphthalate-d6	14.063	166	2120607	32.406	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	2539211	32.713	ng/ul	0.00
54) 4-Nitrophenol-d4	14.839	143	427822	33.707	ng/ul	0.01
60) Fluorene-d10	15.633	176	1851869	31.579	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	304784	38.738	ng/ul	0.00
73) Anthracene-d10	17.486	188	2837101	31.203	ng/ul	0.00
81) Pyrene-d10	19.762	212	3236648	35.615	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2578663	33.714	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	88955	9.503	ng/uL	98
5) Pyridine	3.840	79	615575	24.177	ng/ul	93
6) Benzaldehyde	7.157	77	578584m	41.044	ng/ul	
8) Phenol	7.210	94	924254	29.582	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.445	93	706407	29.059	ng/ul	98
12) 2-Chlorophenol	7.587	128	714301	31.507	ng/ul	97
13) 2-Methylphenol	8.469	108	693054	30.179	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	812049	28.185	ng/ul	97
16) Acetophenone	8.851	105	1130283	30.295	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.839	70	561809	31.207	ng/ul	94
18) 4-Methylphenol	8.798	108	772625	31.112	ng/ul	99
19) Hexachloroethane	9.110	117	279999	30.491	ng/ul	96
22) Nitrobenzene	9.234	77	826995	30.865	ng/ul	96
23) Isophorone	9.763	82	1614639	29.555	ng/ul	99
25) 2-Nitrophenol	9.945	139	399406	35.774	ng/ul	97
26) 2,4-Dimethylphenol	10.004	107	801681	29.113	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.245	93	962823	29.569	ng/ul	99
29) 2,4-Dichlorophenol	10.481	162	693348	31.483	ng/ul	100
30) Naphthalene	10.886	128	2356856	29.017	ng/ul	100
32) 4-Chloroaniline	10.998	127	818199	22.754	ng/ul	99
33) Hexachlorobutadiene	11.175	225	391775	29.087	ng/ul	100
34) Caprolactam	11.780	113	244040m	34.161	ng/ul	
35) 4-Chloro-3-methylphenol	12.116	107	780235	32.095	ng/ul	98

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.486	142	1608389	29.721	ng/ul	100
37) 1-Methylnaphthalene	12.704	142	1637367	30.097	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	785605	28.607	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	310299	21.681	ng/ul	100
41) 2,4,6-Trichlorophenol	13.092	196	530024	31.521	ng/ul	100
42) 2,4,5-Trichlorophenol	13.163	196	586092	32.511	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	2083064	29.124	ng/ul	98
44) 2-Chloronaphthalene	13.533	162	1643166	29.278	ng/ul	98
45) 2-Nitroaniline	13.733	65	492990	35.687	ng/ul	93
47) Dimethylphthalate	14.110	163	2087486	30.073	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	414423	36.722	ng/ul	93
50) Acenaphthylene	14.374	152	2614535	29.462	ng/ul	100
51) 3-Nitroaniline	14.551	138	499294	36.888	ng/ul#	95
52) Acenaphthene	14.716	153	1816563	29.255	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	188536	37.650	ng/ul	92
55) 4-Nitrophenol	14.857	109	333846	30.770	ng/ul	95
56) Dibenzofuran	15.045	168	2474385	29.672	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	616163	37.555	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.268	232	485901	32.198	ng/ul	99
59) Diethylphthalate	15.468	149	2156451	31.033	ng/ul	99
61) Fluorene	15.692	166	2130187	29.993	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	1000761	29.463	ng/ul	98
63) 4-Nitroaniline	15.710	138	541276	41.160	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	313148	35.270	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	1769960	30.219	ng/ul	98
68) 4-Bromophenyl-phenylether	16.580	248	583667	29.778	ng/ul	96
69) Hexachlorobenzene	16.686	284	675305	29.129	ng/ul	96
70) Atrazine	16.845	200	316751	15.325	ng/ul	99
71) Pentachlorophenol	17.033	266	400523	29.085	ng/ul	99
72) Phenanthrene	17.427	178	3312471	30.241	ng/ul	100
74) Anthracene	17.521	178	3341211	30.010	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	831324	30.565	ng/uL	99
76) Pentachlorobenzene	14.963	250	764328	25.982	ng/uL	99
77) Carbazole	17.786	167	3120745	30.275	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3798514	32.512	ng/ul	99
80) Fluoranthene	19.433	202	3777550	33.921	ng/ul	100
82) Pyrene	19.798	202	3942390	33.444	ng/ul	100
83) Butylbenzylphthalate	20.692	149	1688545	37.802	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	1247056	34.550	ng/ul	98
85) Benzo(a)anthracene	21.533	228	3631642	31.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	2496395	38.259	ng/ul	99
87) Chrysene	21.592	228	3379417	30.761	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	4087843	43.311	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	3294011	33.180	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	3140829	31.661	ng/ul	99
93) Benzo(a)pyrene	23.886	252	2747096	31.476	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	2978704	29.226	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	2725633	29.489	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	2571463	29.104	ng/ul	99

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

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