Quantitation Report (QT Reviewed)

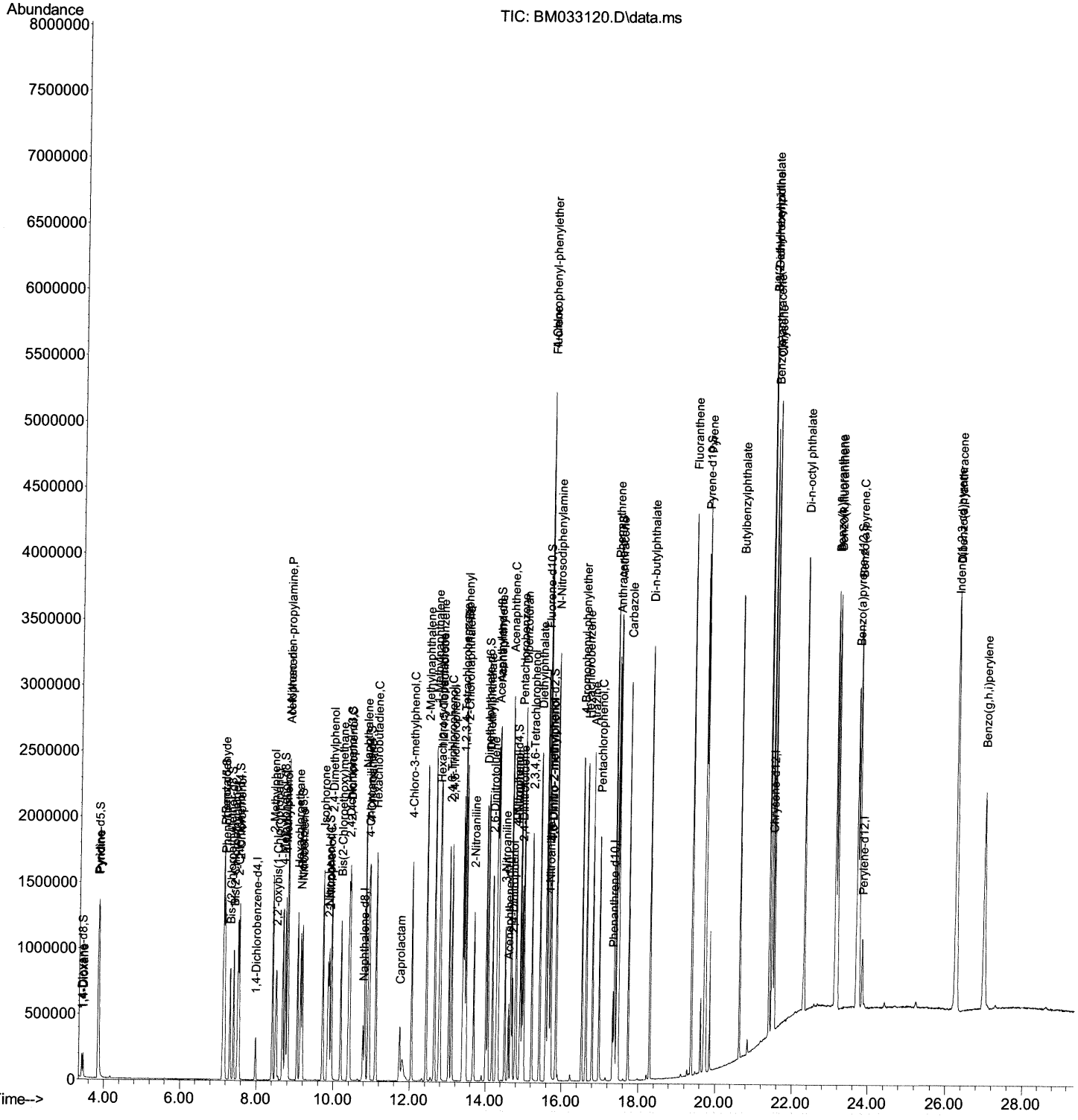
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111721\
Data File : BM033120.D
Acq On : 17 Nov 2021 12:59
Operator : CG/JU
Sample : SSTD08008
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 17 13:35:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM111721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 17 12:32:12 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD080008

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/26/2021



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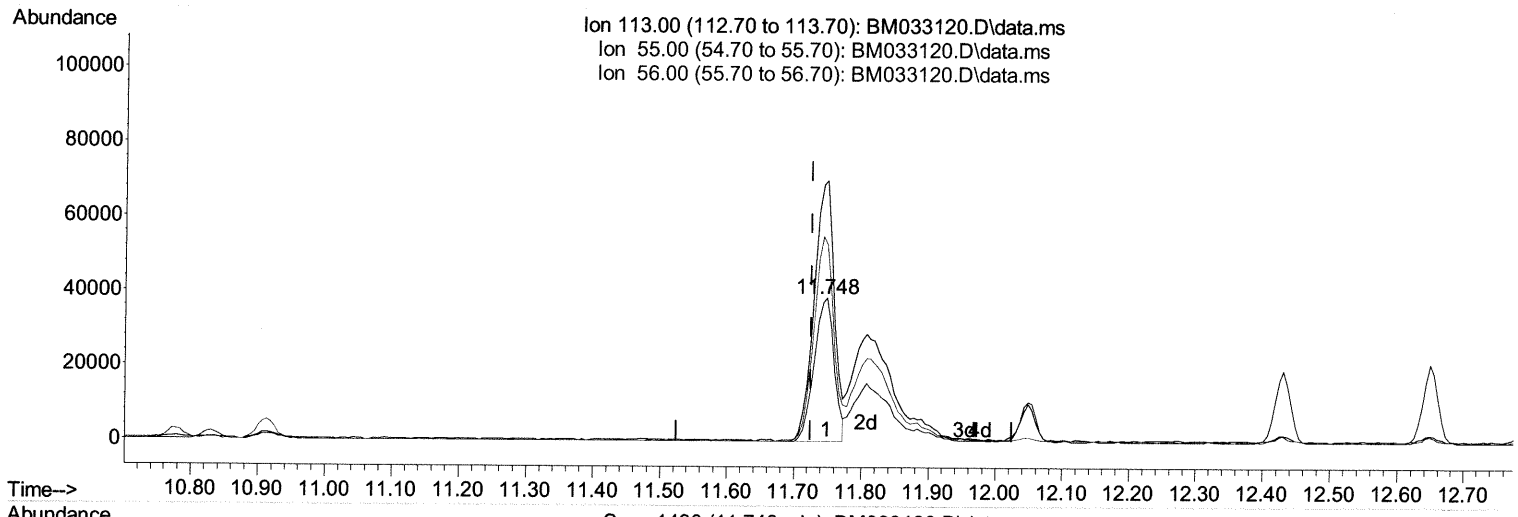

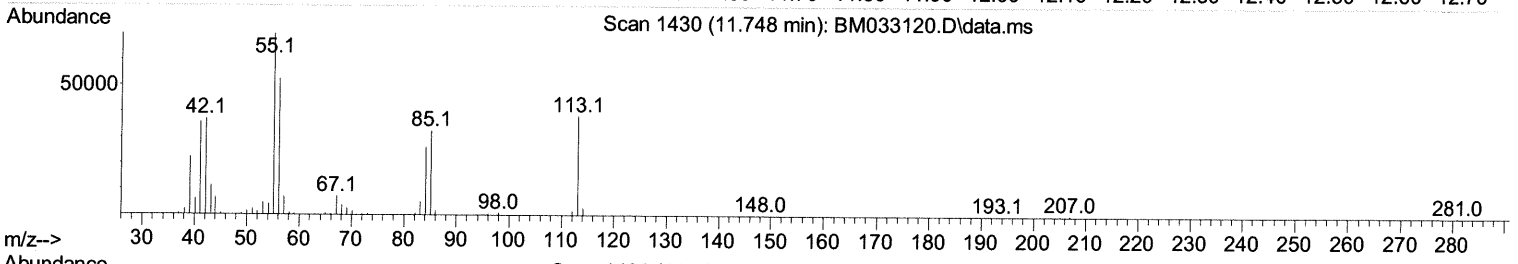

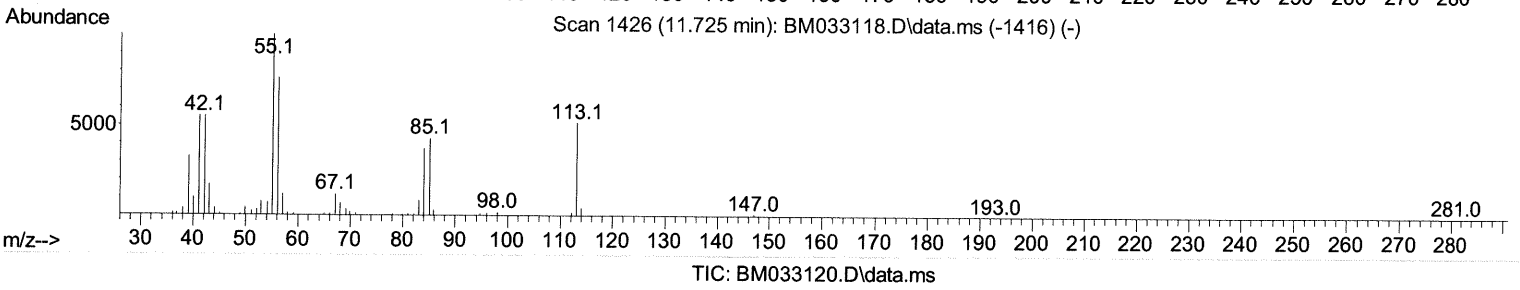

TIC: BM033120.D\data.ms

(34) Caprolactam

11.748min (+ 0.024) 45.51 ng/ul

response 78875

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	181.87
56.00	147.80	137.28
0.00	0.00	0.00

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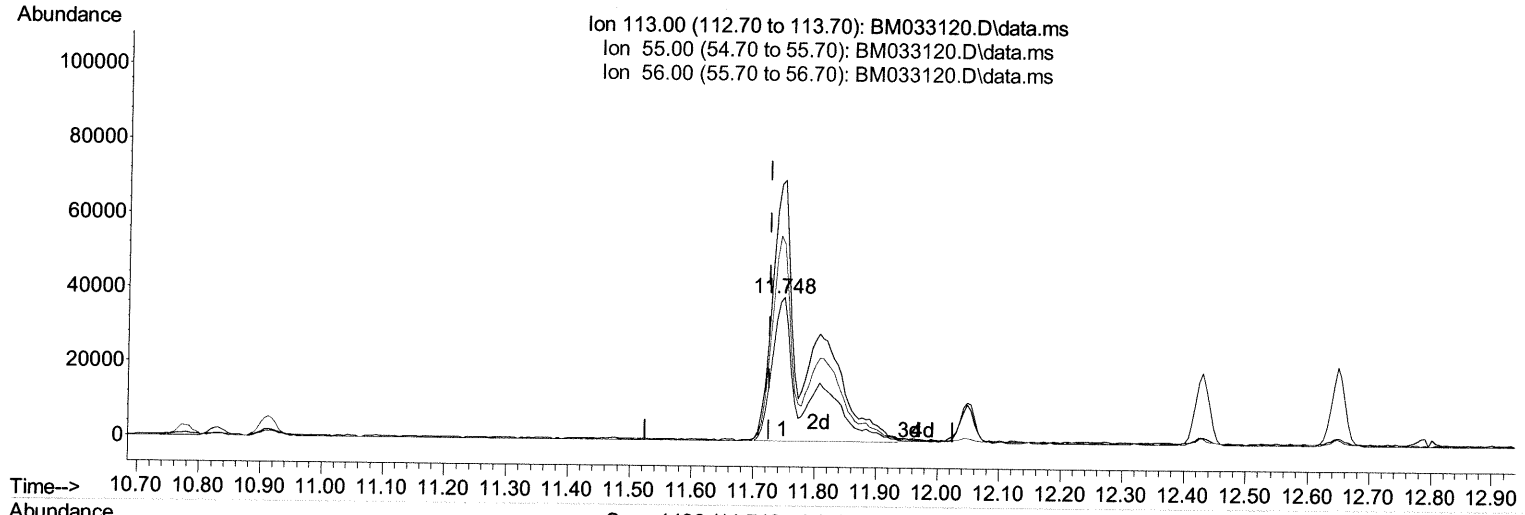

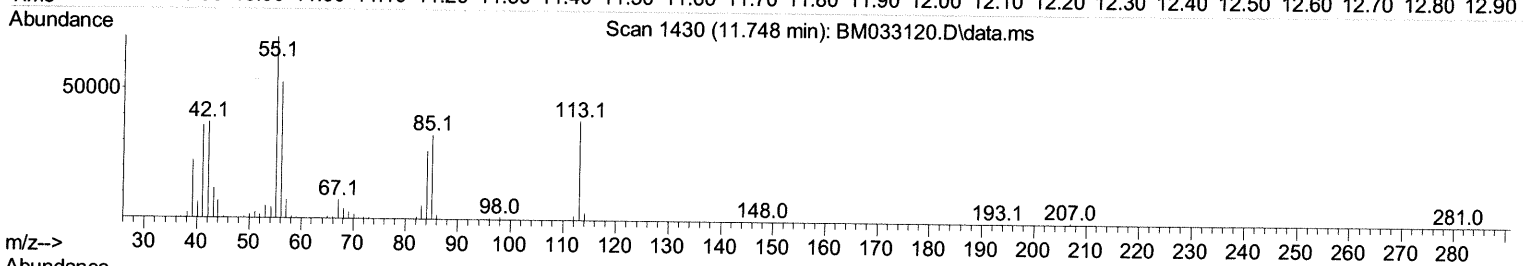

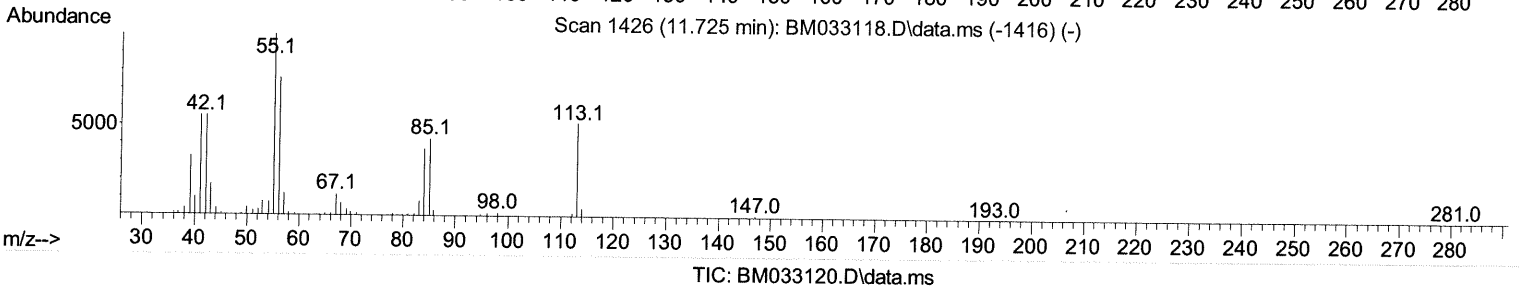

TIC: BM033120.D\data.ms

(34) Caprolactam

11.748min (+ 0.024) 82.70 ng/ul m 11/29/2021

response 143330

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	196.60	181.87
56.00	147.80	137.28
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/17/2021
Supervised By :mohammad ahmed 11/26/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.978	152	80629	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	322579	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.595	164	202175	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.330	188	427167	20.000	ng/ul	0.00
79) Chrysene-d12	21.489	240	392954	20.000	ng/ul	0.00
88) Perylene-d12	23.836	264	389856	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.425	96	77814	38.693	ng/uL	0.00
4) Pyridine-d5	3.843	84	542665	95.522	ng/ul	0.00
7) Phenol-d5	7.137	99	629078	91.752	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	393475	99.951	ng/ul	0.00
11) 2-Chlorophenol-d4	7.513	132	495353	94.625	ng/ul	0.00
15) 4-Methylphenol-d8	8.684	113	493279	89.076	ng/ul	0.01
21) Nitrobenzene-d5	9.142	128	235110	103.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.860	143	247569	100.913	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.395	165	516190	105.695	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	648582	90.036	ng/ul	0.00
46) Dimethylphthalate-d6	14.013	166	1422643	101.678	ng/ul	0.00
49) Acenaphthylene-d8	14.295	160	1861095	109.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.789	143	242761	88.348	ng/ul	0.02
60) Fluorene-d10	15.589	176	1266811	106.757	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.701	200	214896	88.271	ng/ul	0.00
73) Anthracene-d10	17.430	188	1950782	104.913	ng/ul	0.00
81) Pyrene-d10	19.712	212	2214732	112.032	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.689	264	2041721	104.578	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.460	88	80368	36.715	ng/uL	90
5) Pyridine	3.866	79	541555	96.389	ng/ul	98
6) Benzaldehyde	7.125	77	304374	94.307	ng/ul	99
8) Phenol	7.160	94	628797	90.532	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.401	93	494969	90.567	ng/ul	98
12) 2-Chlorophenol	7.543	128	501288	92.693	ng/ul	98
13) 2-Methylphenol	8.413	108	481262	90.356	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.507	45	755459	111.621	ng/ul	99
16) Acetophenone	8.807	105	754794	93.036	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.801	70	415882	103.823	ng/ul	98
18) 4-Methylphenol	8.748	108	502839	90.071	ng/ul	99
19) Hexachloroethane	9.060	117	232420	108.033	ng/ul	99
22) Nitrobenzene	9.184	77	619533	114.651	ng/ul	100
23) Isophorone	9.719	82	1117817	107.224	ng/ul	99
25) 2-Nitrophenol	9.895	139	262547	97.939	ng/ul	90
26) 2,4-Dimethylphenol	9.948	107	602791	105.169	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.189	93	657683	95.125	ng/ul	97
29) 2,4-Dichlorophenol	10.419	162	489072	101.730	ng/ul	95
30) Naphthalene	10.831	128	1583650	95.789	ng/ul	99
32) 4-Chloroaniline	10.936	127	649160	89.758	ng/ul	98
33) Hexachlorobutadiene	11.107	225	368617	118.847	ng/ul	99
34) Caprolactam	11.748	113	143330m	82.702	ng/ul	11/26/21
35) 4-Chloro-3-methylphenol	12.048	107	536195	101.358	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.430	142	1096199	97.487	ng/ul	99
37)	1-Methylnaphthalene	12.648	142	1116876	97.543	ng/ul	100
39)	1,2,4,5-Tetrachloroben...	12.795	216	634856	113.878	ng/ul	99
40)	Hexachlorocyclopentadiene	12.772	237	463078	142.553	ng/ul	97
41)	2,4,6-Trichlorophenol	13.030	196	397036	111.209	ng/ul	95
42)	2,4,5-Trichlorophenol	13.101	196	426674	108.908	ng/ul	98
43)	1,1'-Biphenyl	13.436	154	1479925	102.096	ng/ul	98
44)	2-Chloronaphthalene	13.477	162	1142410	103.408	ng/ul	98
45)	2-Nitroaniline	13.683	65	350588	118.830	ng/ul	99
47)	Dimethylphthalate	14.060	163	1372857	97.969	ng/ul	99
48)	2,6-Dinitrotoluene	14.177	165	275327	105.432	ng/ul#	91
50)	Acenaphthylene	14.324	152	1838612	102.231	ng/ul	99
51)	3-Nitroaniline	14.501	138	245353	89.885	ng/ul	94
52)	Acenaphthene	14.660	153	1189801	100.187	ng/ul	99
53)	2,4-Dinitrophenol	14.701	184	140470	83.631	ng/ul	97
55)	4-Nitrophenol	14.801	109	243605	109.854	ng/ul	97
56)	Dibenzofuran	14.995	168	1727584	100.381	ng/ul	100
57)	2,4-Dinitrotoluene	14.954	165	383186	99.273	ng/ul	99
58)	2,3,4,6-Tetrachlorophenol	15.213	232	359697	113.052	ng/ul	97
59)	Diethylphthalate	15.419	149	1397256	99.950	ng/ul	99
61)	Fluorene	15.642	166	1383426	104.616	ng/ul	99
62)	4-Chlorophenyl-phenyle...	15.636	204	719205	107.674	ng/ul	99
63)	4-Nitroaniline	15.666	138	228993	90.748	ng/ul	98
66)	4,6-Dinitro-2-methylph...	15.713	198	214045	89.456	ng/ul	97
67)	N-Nitrosodiphenylamine	15.848	169	1183990	99.344	ng/ul	99
68)	4-Bromophenyl-phenylether	16.524	248	448366	108.907	ng/ul	96
69)	Hexachlorobenzene	16.636	284	504085	106.300	ng/ul	97
70)	Atrazine	16.801	200	466825	103.638	ng/ul	97
71)	Pentachlorophenol	16.977	266	319082	111.621	ng/ul	99
72)	Phenanthrene	17.377	178	2202128	99.881	ng/ul	99
74)	Anthracene	17.471	178	2225892	100.502	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.395	216	660251	110.088	ng/uL	98
76)	Pentachlorobenzene	14.913	250	642650	107.891	ng/uL	99
77)	Carbazole	17.736	167	1954679	98.957	ng/ul	100
78)	Di-n-butylphthalate	18.295	149	2298439	100.719	ng/ul	100
80)	Fluoranthene	19.377	202	2599893	106.593	ng/ul	99
82)	Pyrene	19.742	202	2590398	103.380	ng/ul	100
83)	Butylbenzylphthalate	20.630	149	996615	104.817	ng/ul	95
84)	3,3'-Dichlorobenzidine	21.400	252	843332	118.360	ng/ul	99
85)	Benzo(a)anthracene	21.471	228	2408052	101.620	ng/ul	100
86)	Bis(2-ethylhexyl)phtha...	21.395	149	1393174	105.400	ng/ul	99
87)	Chrysene	21.524	228	2356446	100.994	ng/ul	98
89)	Di-n-octyl phthalate	22.306	149	2334694	105.150	ng/ul	100
90)	Benzo(b)fluoranthene	23.130	252	2471358	104.193	ng/ul	98
91)	Benzo(k)fluoranthene	23.177	252	2347977	109.143	ng/ul	100
93)	Benzo(a)pyrene	23.741	252	2387847	106.409	ng/ul	98
94)	Indeno(1,2,3-cd)pyrene	26.259	276	2632873	106.145	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.277	278	2245346	105.495	ng/ul	98
96)	Benzo(g,h,i)perylene	27.006	276	2312963	106.558	ng/ul	99

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