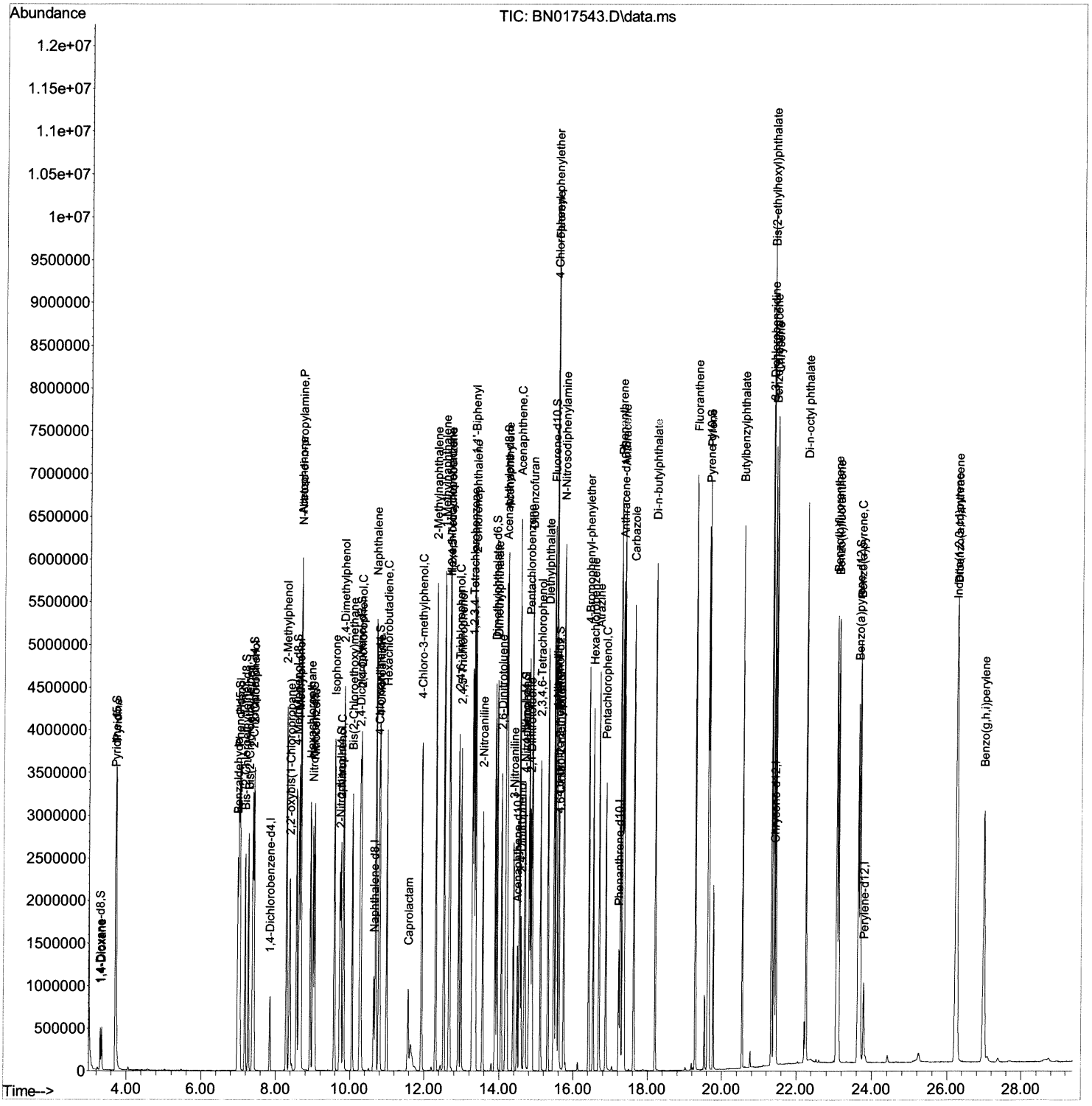
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112221\
Data File : BN017543.D
Acq On : 22 Nov 2021 12:50
Operator : CG/JU
Sample : SSTD08049
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 22 14:53:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 14:49:39 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080249

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021



Quantitation Report (Qedit)

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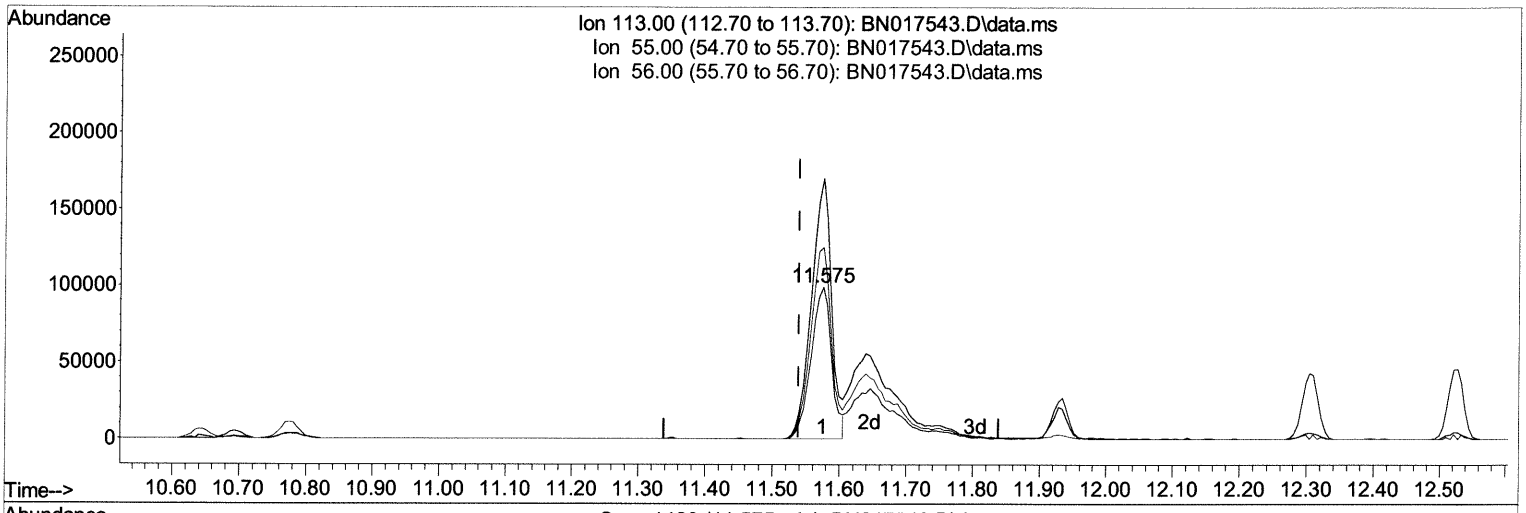

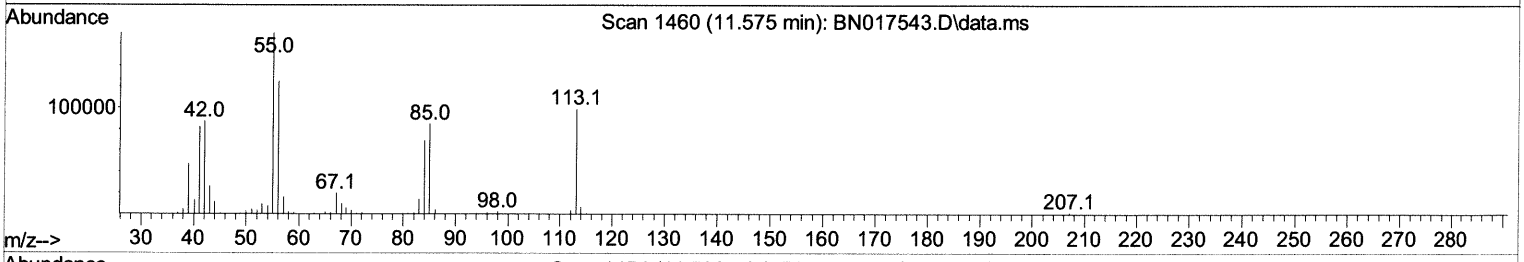

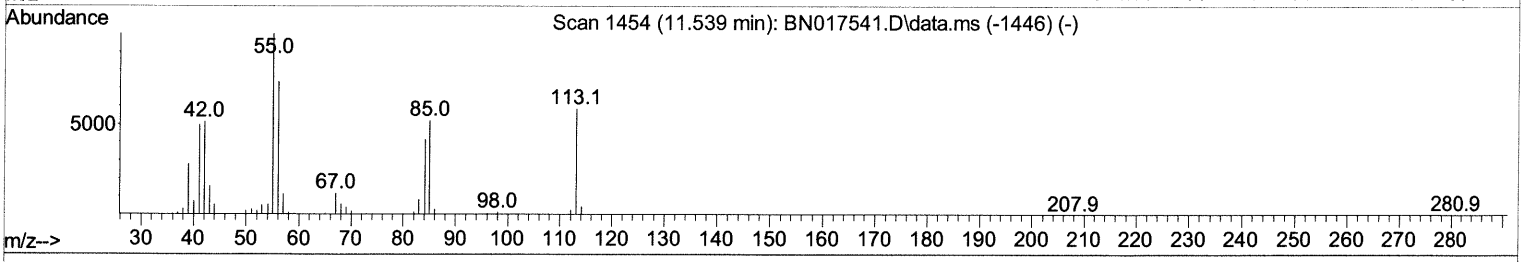

TIC: BN017543.D\data.ms

(34) Caprolactam

11.575min (+ 0.036) 41.12 ng/ul

response 210194

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	171.82
56.00	129.90	126.18
0.00	0.00	0.00

Quantitation Report (Qedit)

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BNA_N
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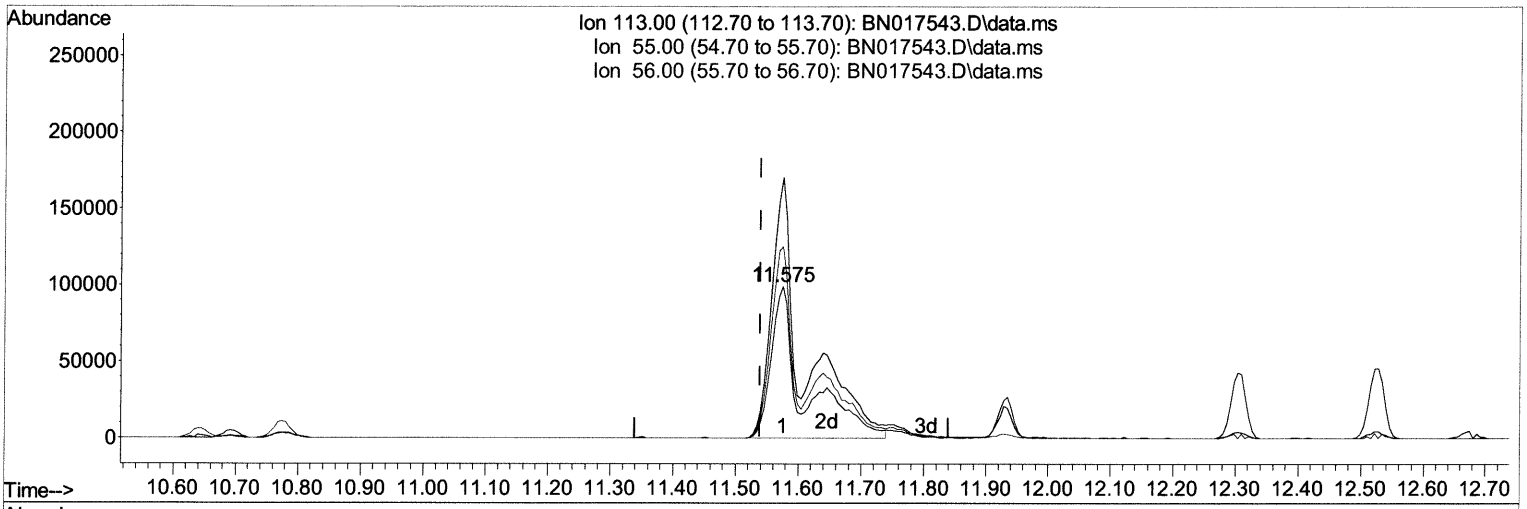

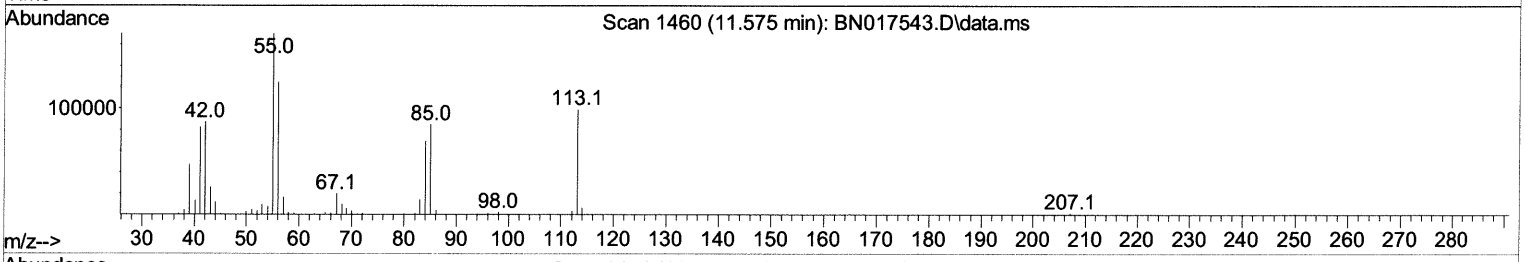

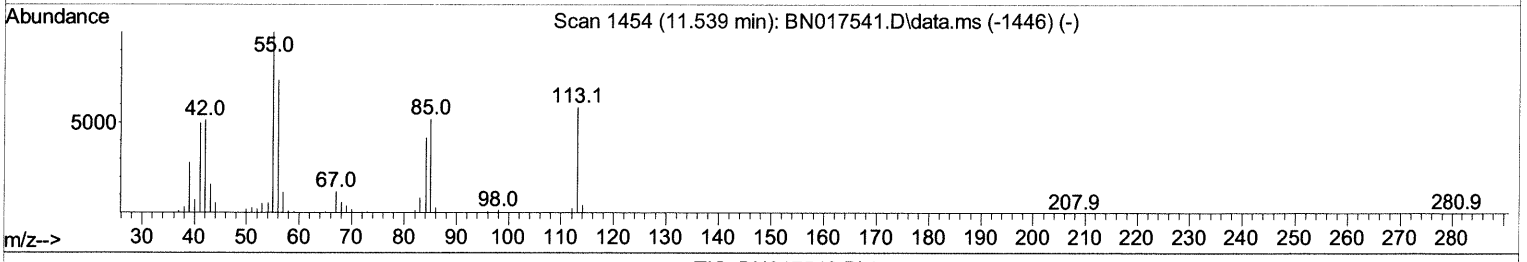

TIC: BN017543.D\data.ms

(34) Caprolactam

11.575min (+ 0.036) 69.02 ng/ul m 11/30/2021

response 352810

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	171.82
56.00	129.90	126.18
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
Supervised By :mohammad ahmed 11/24/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	221605	20.000	ng/ul	0.00
20) Naphthalene-d8	10.646	136	910599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	482053	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	840992	20.000	ng/ul	0.00
79) Chrysene-d12	21.416	240	622478	20.000	ng/ul	0.00
88) Perylene-d12	23.780	264	627026	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	228321	37.321	ng/uL	0.00
4) Pyridine-d5	3.705	84	1554268	94.851	ng/ul	0.00
7) Phenol-d5	7.016	99	1875806	91.093	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.181	67	1143385	93.548	ng/ul	0.00
11) 2-Chlorophenol-d4	7.381	132	1452558	89.697	ng/ul	0.00
15) 4-Methylphenol-d8	8.557	113	1440440	85.689	ng/ul	0.00
21) Nitrobenzene-d5	9.005	128	706761	100.220	ng/ul	0.00
24) 2-Nitrophenol-d4	9.728	143	737616	94.480	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.263	165	1288478	90.084	ng/ul	0.00
31) 4-Chloroaniline-d4	10.775	131	1690992	79.377	ng/ul	0.00
46) Dimethylphthalate-d6	13.893	166	3078403	85.304	ng/ul	0.00
49) Acenaphthylene-d8	14.175	160	4112684	90.404	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	547240	76.853	ng/ul	0.02
60) Fluorene-d10	15.475	176	2471799	80.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	425303	78.099	ng/ul	0.00
73) Anthracene-d10	17.328	188	3385004	83.367	ng/ul	0.00
81) Pyrene-d10	19.622	212	3472181	95.111	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.633	264	3139492	94.208	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	232345	38.405	ng/uL	97
5) Pyridine	3.728	79	1538551	92.779	ng/ul	91
6) Benzaldehyde	6.981	77	824947	67.236	ng/ul	90
8) Phenol	7.040	94	1881606	90.324	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.275	93	1522719	93.027	ng/ul	97
12) 2-Chlorophenol	7.410	128	1460203	87.193	ng/ul	95
13) 2-Methylphenol	8.287	108	1412420	89.117	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.381	45	2028549	84.473	ng/ul	96
16) Acetophenone	8.669	105	2033405	81.620	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.675	70	1067087	85.323	ng/ul	96
18) 4-Methylphenol	8.628	108	1464664	83.650	ng/ul	98
19) Hexachloroethane	8.928	117	625098	96.923	ng/ul	95
22) Nitrobenzene	9.046	77	1679871	105.934	ng/ul	96
23) Isophorone	9.581	82	3034655	94.254	ng/ul	97
25) 2-Nitrophenol	9.757	139	764417	89.927	ng/ul#	89
26) 2,4-Dimethylphenol	9.822	107	1596186	93.699	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.057	93	1884006	91.486	ng/ul	99
29) 2,4-Dichlorophenol	10.293	162	1238829	87.207	ng/ul	96
30) Naphthalene	10.693	128	4260510	85.996	ng/ul	99
32) 4-Chloroaniline	10.804	127	1690546	80.217	ng/ul	100
33) Hexachlorobutadiene	10.993	225	829513	95.894	ng/ul	97
34) Caprolactam	11.575	113	352810m	69.023	ng/ul	11/26/21 JU
35) 4-Chloro-3-methylphenol	11.934	107	1357197	85.871	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.304	142	2719799	79.517	ng/ul	99
37) 1-Methylnaphthalene	12.528	142	2732551	77.555	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.681	216	1357482	96.615	ng/ul	93
40) Hexachlorocyclopentadiene	12.663	237	955069	106.954	ng/ul	96
41) 2,4,6-Trichlorophenol	12.916	196	899691	98.759	ng/ul	96
42) 2,4,5-Trichlorophenol	12.987	196	944718	93.123	ng/ul	97
43) 1,1'-Biphenyl	13.316	154	3478961	93.212	ng/ul	99
44) 2-Chloronaphthalene	13.357	162	2668516	93.880	ng/ul	95
45) 2-Nitroaniline	13.557	65	833076	107.663	ng/ul	92
47) Dimethylphthalate	13.945	163	2990094	82.501	ng/ul	99
48) 2,6-Dinitrotoluene	14.057	165	641989	90.207	ng/ul	89
50) Acenaphthylene	14.204	152	4023023	86.343	ng/ul	99
51) 3-Nitroaniline	14.381	138	614575	74.609	ng/ul	89
52) Acenaphthene	14.545	153	2605926	86.491	ng/ul	97
53) 2,4-Dinitrophenol	14.587	184	330135	72.526	ng/ul	94
55) 4-Nitrophenol	14.692	109	469767	93.489	ng/ul#	82
56) Dibenzofuran	14.881	168	3646482	84.768	ng/ul	95
57) 2,4-Dinitrotoluene	14.845	165	849646	82.782	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.104	232	657099	78.462	ng/ul	95
59) Diethylphthalate	15.310	149	2911439	80.558	ng/ul	99
61) Fluorene	15.534	166	2513398	74.122	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	1232926	73.944	ng/ul#	90
63) 4-Nitroaniline	15.545	138	457130	56.162	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.610	198	435994	80.244	ng/ul#	92
67) N-Nitrosodiphenylamine	15.739	169	2315353	90.450	ng/ul	97
68) 4-Bromophenyl-phenylether	16.416	248	782931	87.361	ng/ul#	87
69) Hexachlorobenzene	16.539	284	807492	77.428	ng/ul#	90
70) Atrazine	16.692	200	799523	85.122	ng/ul	99
71) Pentachlorophenol	16.875	266	486078	77.637	ng/ul	98
72) Phenanthrene	17.269	178	3970423	85.687	ng/ul	99
74) Anthracene	17.357	178	3893162	82.968	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.287	216	1392883	113.298	ng/uL	95
76) Pentachlorobenzene	14.804	250	1157782	92.996	ng/uL	91
77) Carbazole	17.628	167	3480620	84.015	ng/ul	98
78) Di-n-butylphthalate	18.204	149	4252869	86.845	ng/ul	99
80) Fluoranthene	19.286	202	4175093	95.769	ng/ul	99
82) Pyrene	19.651	202	4069193	91.190	ng/ul	96
83) Butylbenzylphthalate	20.551	149	1787648	107.591	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.327	252	1107902	79.954	ng/ul	93
85) Benzo(a)anthracene	21.398	228	3726571	90.941	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.339	149	2411655	96.171	ng/ul	99
87) Chrysene	21.451	228	3595678	89.029	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	4420764	96.462	ng/ul	100
90) Benzo(b)fluoranthene	23.063	252	3810360	90.013	ng/ul	97
91) Benzo(k)fluoranthene	23.110	252	3621873	87.961	ng/ul	100
93) Benzo(a)pyrene	23.686	252	3761241	92.342	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.239	276	4356052	104.834	ng/ul	99
95) Dibenzo(a,h)anthracene	26.257	278	3647888	103.861	ng/ul	98
96) Benzo(g,h,i)perylene	26.992	276	3861891	111.000	ng/ul	95

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