Quantitation Report (QT Reviewed)

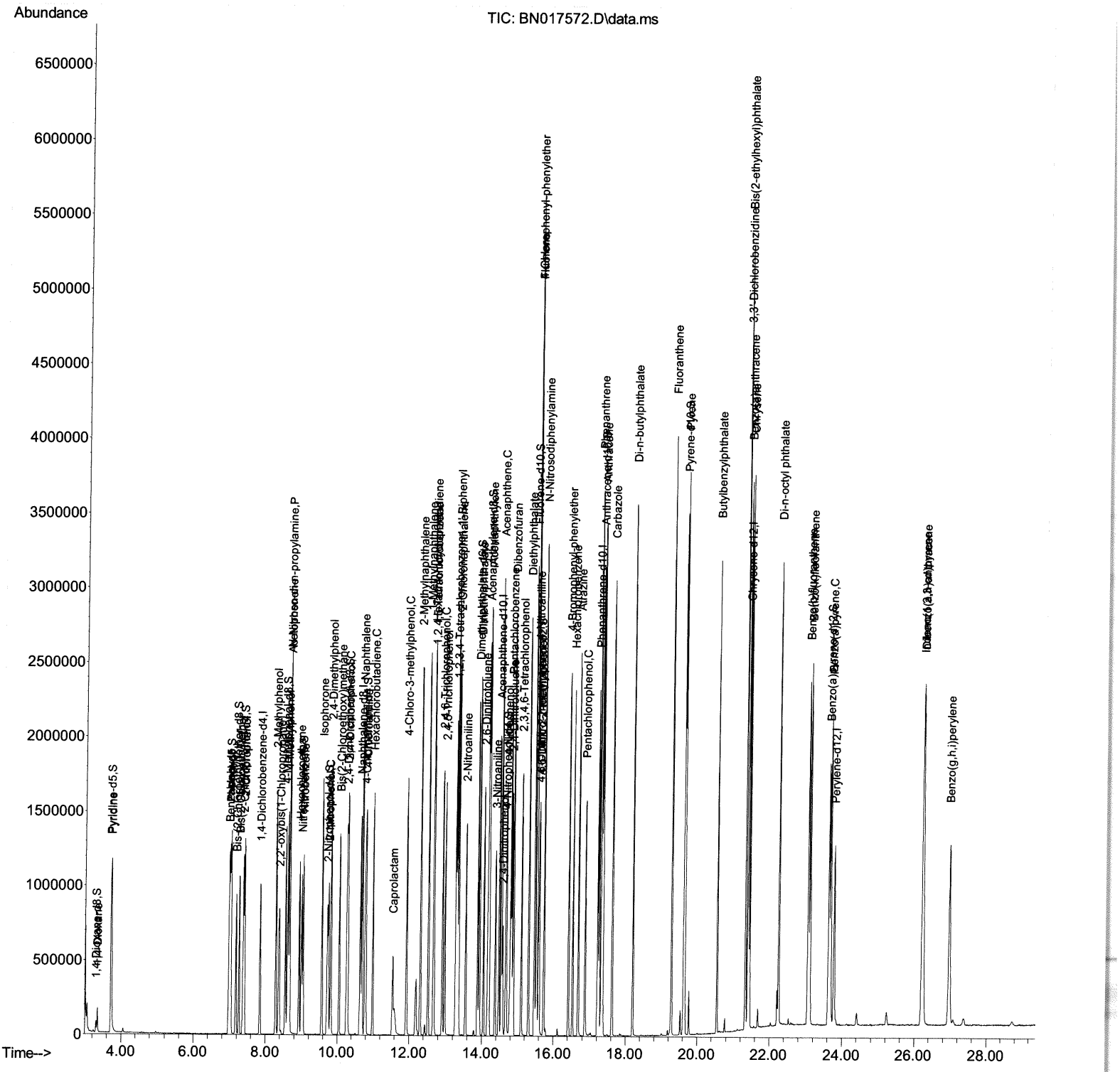
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017572.D
Acq On : 23 Nov 2021 18:33
Operator : CG/JU
Sample : PB140905BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 24 00:58:36 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 22 16:16:36 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SLCS905

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/24/2021
Supervised By :mohammad ahmed 11/26/2021



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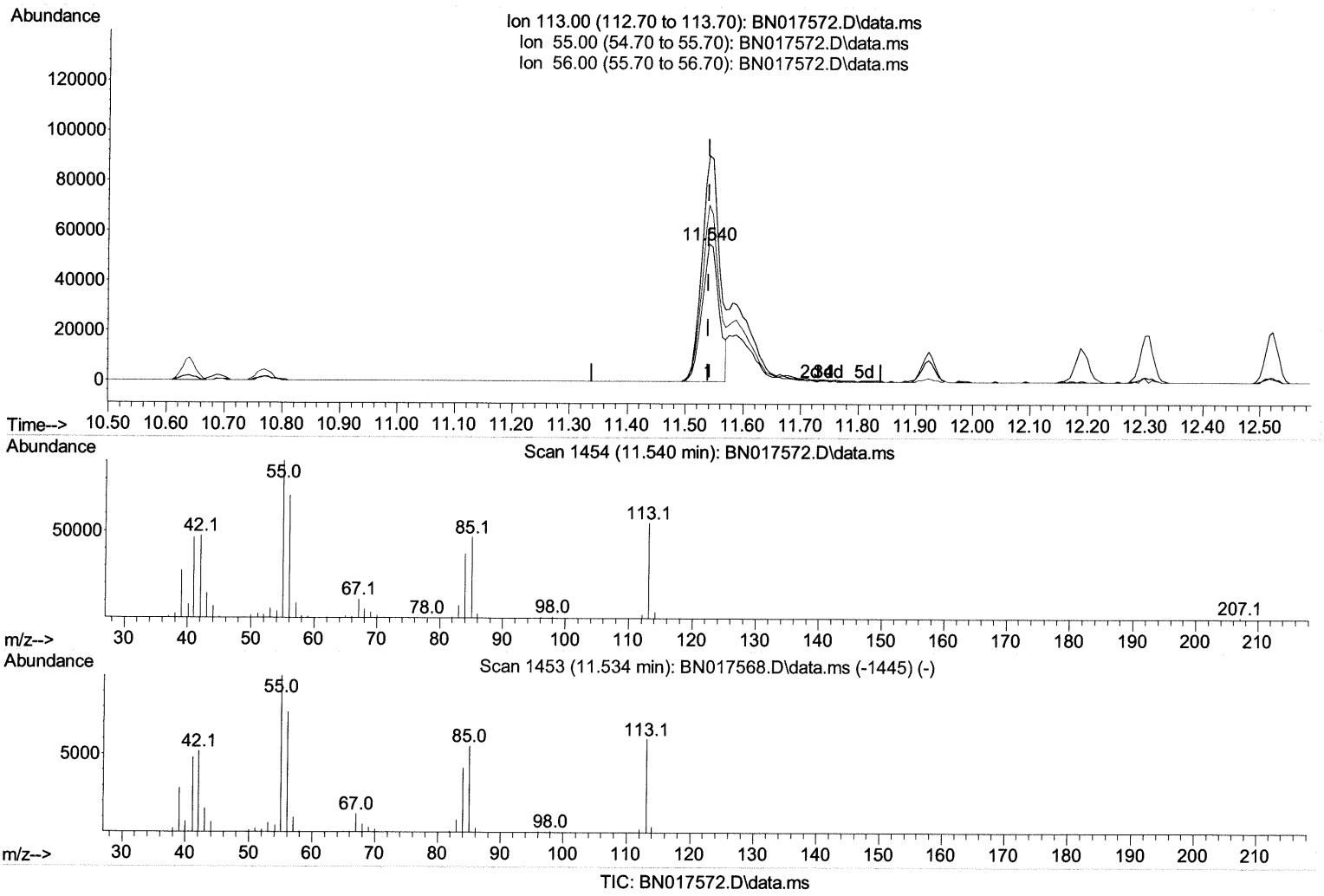

TIC: BN017572.D\data.ms

(34) Caprolactam

11.540min (+ 0.000) 21.39 ng/ul

response 112438

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	164.12
56.00	129.90	128.17
0.00	0.00	0.00

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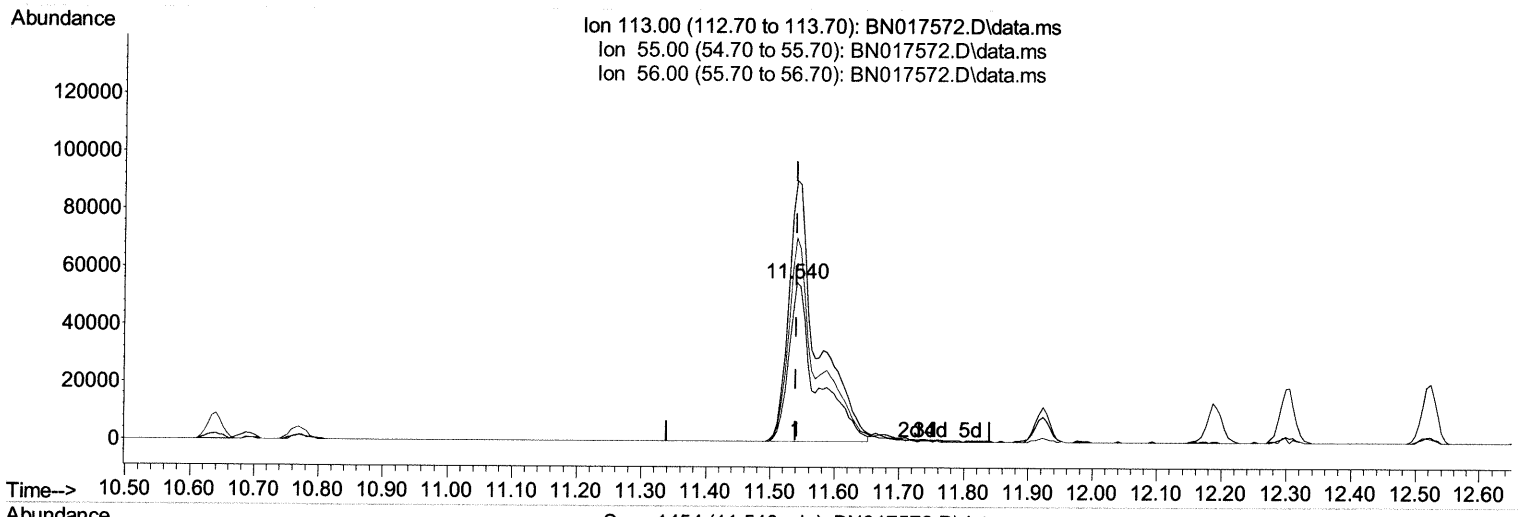

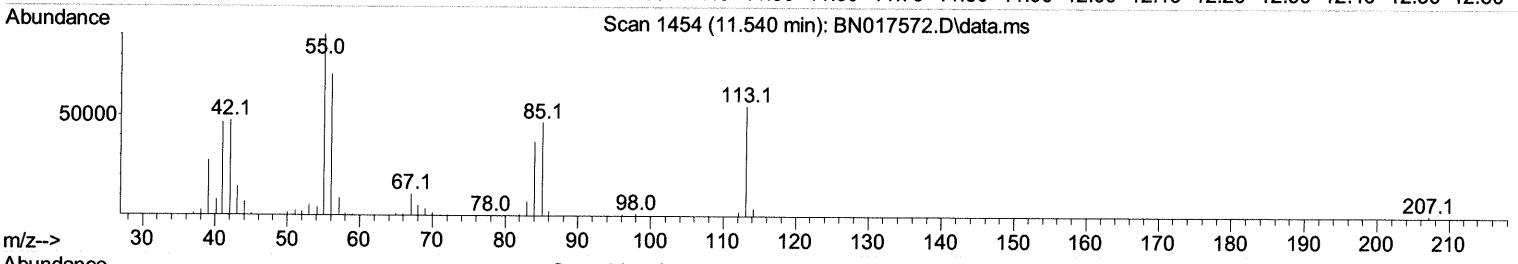

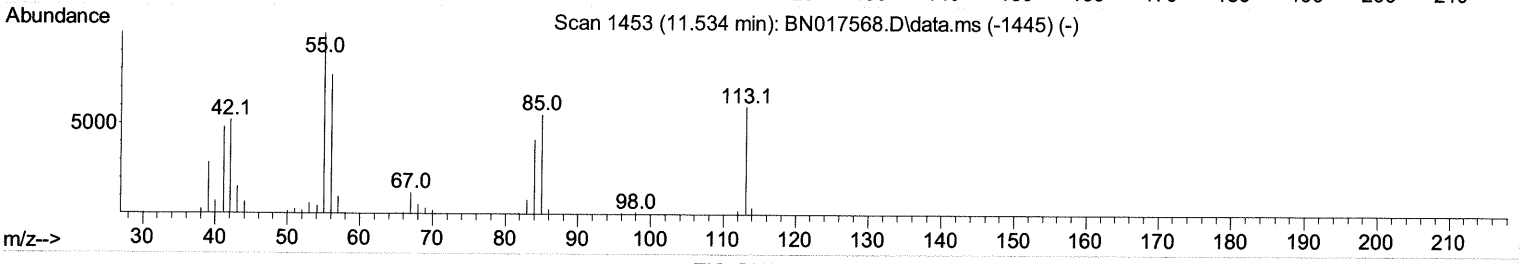

TIC: BN017572.D\data.ms

(34) Caprolactam

11.540min (+ 0.000) 31.74 ng/ul m 11/30/21 JU

response 166820

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	164.12
56.00	129.90	128.17
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	7.840	152	267417	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1164599	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.481	164	701606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1339441	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	886002	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	816877	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36173	4.834	ng/uL	0.00
4) Pyridine-d5	3.705	84	482970	24.597	ng/ul	0.00
7) Phenol-d5	7.005	99	680061	27.935	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	409584	26.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	514768	27.926	ng/ul	0.00
15) 4-Methylphenol-d8	8.552	113	532663	27.816	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	255262	28.931	ng/ul	0.00
24) 2-Nitrophenol-d4	9.722	143	267268	30.617	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.258	165	495619	28.839	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	635255	25.742	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1446832	28.363	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1832384	27.977	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	259270	30.035	ng/ul	0.00
60) Fluorene-d10	15.469	176	1183089	27.497	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	198140	28.481	ng/ul	0.00
73) Anthracene-d10	17.322	188	1740136	27.951	ng/ul	0.00
81) Pyrene-d10	19.616	212	1774900	31.557	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.622	264	1215669	28.307	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	76045	10.293	ng/uL	96
5) Pyridine	3.728	79	514751	26.051	ng/ul	91
6) Benzaldehyde	6.975	77	399337	30.922	ng/ul	89
8) Phenol	7.034	94	714299	28.970	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.264	93	570418	28.215	ng/ul	96
12) 2-Chlorophenol	7.405	128	546661	28.780	ng/ul	94
13) 2-Methylphenol	8.281	108	544584	29.325	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	759424	27.863	ng/ul	96
16) Acetophenone	8.663	105	826916	28.876	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.652	70	438668	29.390	ng/ul	94
18) 4-Methylphenol	8.611	108	577795	29.044	ng/ul	99
19) Hexachloroethane	8.928	117	227273	28.318	ng/ul	97
22) Nitrobenzene	9.040	77	643091	28.841	ng/ul	97
23) Isophorone	9.563	82	1252016	30.000	ng/ul	97
25) 2-Nitrophenol	9.752	139	299869	31.143	ng/ul#	91
26) 2,4-Dimethylphenol	9.816	107	636854	28.599	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.052	93	758371	27.918	ng/ul	98
29) 2,4-Dichlorophenol	10.287	162	504417	29.108	ng/ul	97
30) Naphthalene	10.693	128	1742099	27.960	ng/ul	100
32) 4-Chloroaniline	10.793	127	655885	26.195	ng/ul	98
33) Hexachlorobutadiene	10.987	225	322910	28.329	ng/ul	98
34) Caprolactam	11.540	113	166820m	31.742	ng/ul	11/30/21
35) 4-Chloro-3-methylphenol	11.922	107	586255	30.070	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.299	142	1169002	28.113	ng/ul	99
37) 1-Methylnaphthalene	12.522	142	1174255	27.889	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.675	216	578737	27.811	ng/ul	96
40) Hexachlorocyclopentadiene	12.663	237	344832	25.836	ng/ul	96
41) 2,4,6-Trichlorophenol	12.910	196	387875	30.510	ng/ul	98
42) 2,4,5-Trichlorophenol	12.981	196	416202	30.023	ng/ul	99
43) 1,1'-Biphenyl	13.316	154	1562952	28.245	ng/ul	99
44) 2-Chloronaphthalene	13.351	162	1188676	28.251	ng/ul	97
45) 2-Nitroaniline	13.551	65	379988	32.629	ng/ul	93
47) Dimethylphthalate	13.934	163	1498948	29.645	ng/ul	99
48) 2,6-Dinitrotoluene	14.051	165	312504	32.932	ng/ul	92
50) Acenaphthylene	14.198	152	1917408	28.725	ng/ul	100
51) 3-Nitroaniline	14.375	138	293700	29.234	ng/ul	92
52) Acenaphthene	14.540	153	1233850	28.670	ng/ul	99
53) 2,4-Dinitrophenol	14.581	184	140390	29.430	ng/ul	95
55) 4-Nitrophenol	14.681	109	230016	30.551	ng/ul#	83
56) Dibenzofuran	14.875	168	1744457	28.236	ng/ul	94
57) 2,4-Dinitrotoluene	14.834	165	434191	32.290	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.098	232	315318	30.742	ng/ul#	93
59) Diethylphthalate	15.304	149	1534821	30.309	ng/ul	99
61) Fluorene	15.528	166	1301109	28.055	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.522	204	636745	28.134	ng/ul	94
63) 4-Nitroaniline	15.540	138	282929	33.401	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	213973	30.635	ng/ul#	85
67) N-Nitrosodiphenylamine	15.734	169	1206175	29.874	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	382644	28.933	ng/ul	92
69) Hexachlorobenzene	16.534	284	425039	30.157	ng/ul	91
70) Atrazine	16.687	200	432363	30.322	ng/ul	95
71) Pentachlorophenol	16.875	266	240644	30.027	ng/ul	94
72) Phenanthrene	17.263	178	2140827	29.293	ng/ul	99
74) Anthracene	17.357	178	2099943	28.975	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.281	216	594110	28.289	ng/uL	98
76) Pentachlorobenzene	14.804	250	528702	27.686	ng/uL	96
77) Carbazole	17.622	167	1872238	30.100	ng/ul	98
78) Di-n-butylphthalate	18.198	149	2435350	32.219	ng/ul	99
80) Fluoranthene	19.281	202	2247356	33.217	ng/ul	99
82) Pyrene	19.645	202	2198905	32.464	ng/ul	97
83) Butylbenzylphthalate	20.551	149	915178	37.011	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.328	252	505670	30.003	ng/ul	97
85) Benzo(a)anthracene	21.392	228	1739828	29.644	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1304694	36.456	ng/ul#	98
87) Chrysene	21.445	228	1721673	29.854	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	2061690	33.231	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1627508	28.814	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1551164	29.084	ng/ul	100
93) Benzo(a)pyrene	23.674	252	1537270	28.665	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.221	276	1752115	31.465	ng/ul	99
95) Dibenzo(a,h)anthracene	26.233	278	1484087	31.379	ng/ul	98
96) Benzo(g,h,i)perylene	26.968	276	1470785	30.903	ng/ul	96

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