Quantitation Report (QT Reviewed)

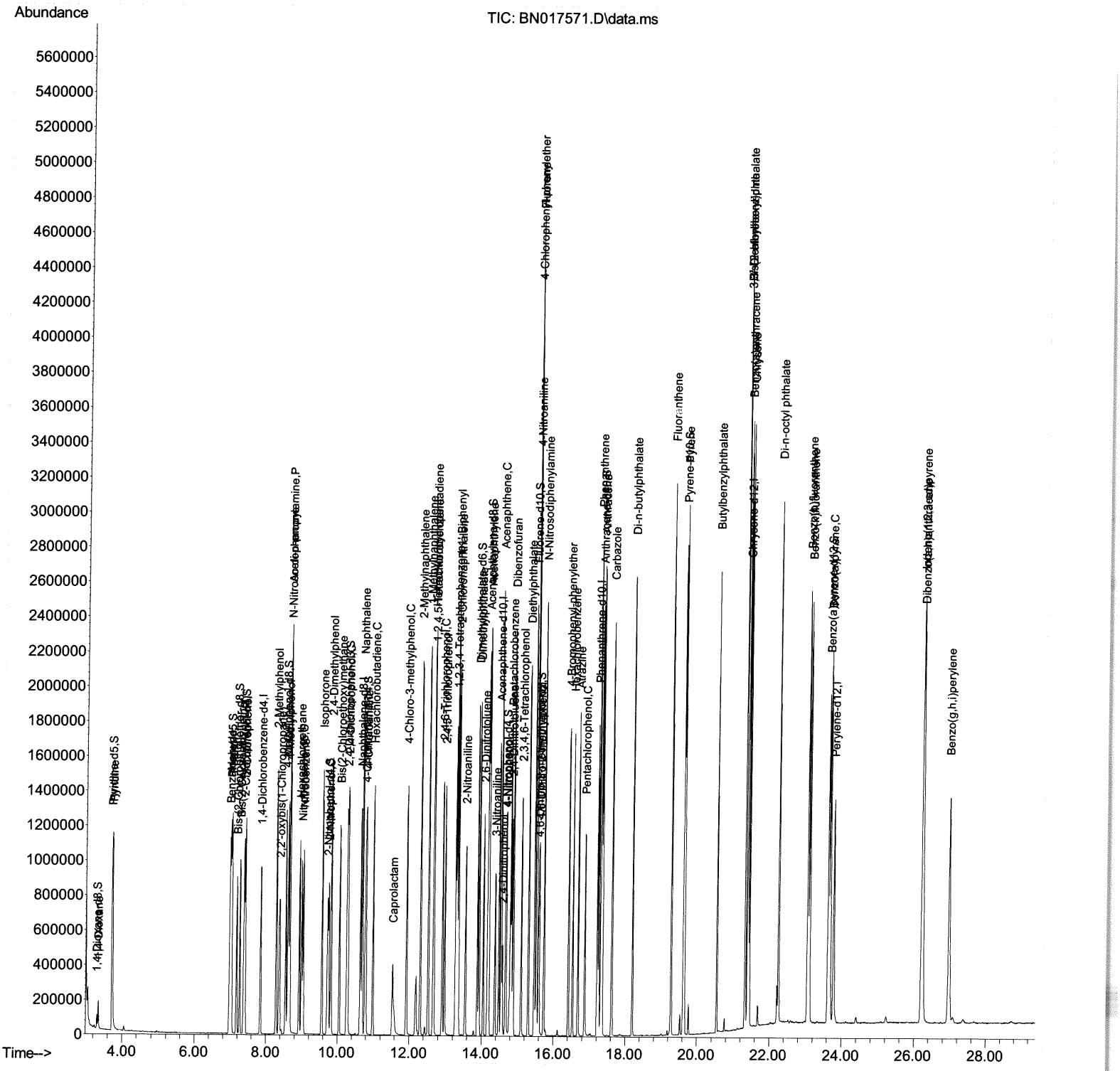
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
Data File : BN017571.D
Acq On : 23 Nov 2021 17:57
Operator : CG/JU
Sample : PB140870BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 24 00:58:24 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 :
SLCS870

Manual IntegrationsAPPROVED

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



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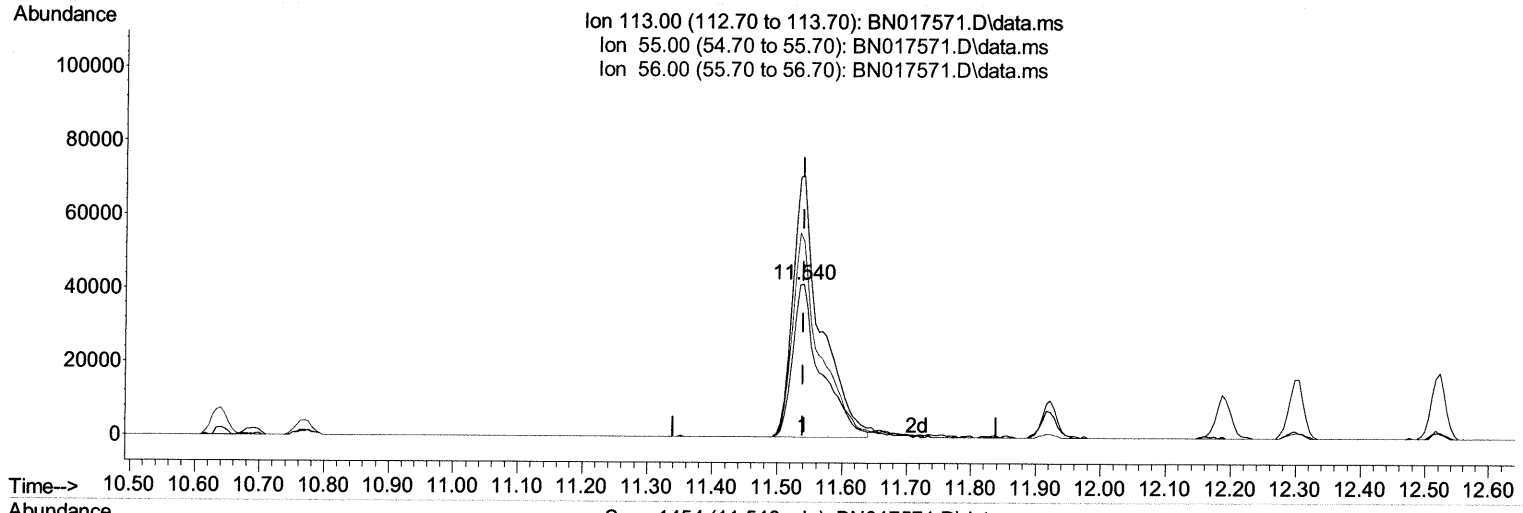

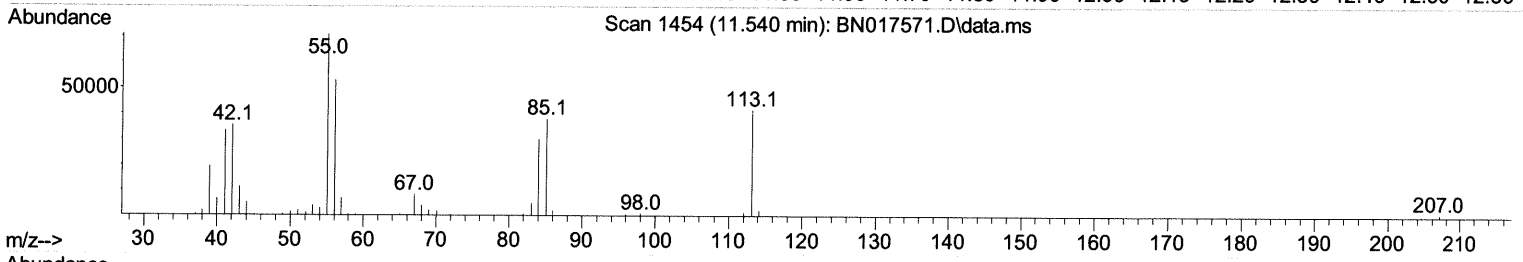

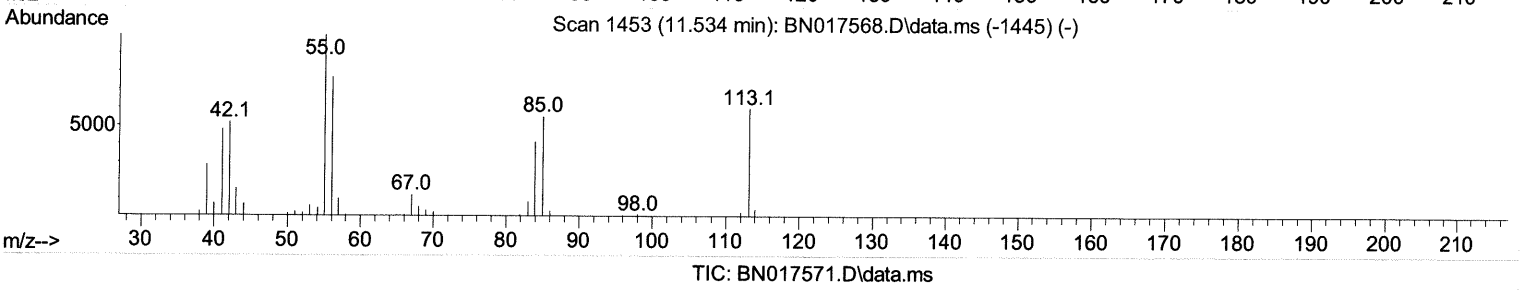

TIC: BN017571.D\data.ms

(34) Caprolactam

11.540min (+ 0.000) 26.85 ng/ul

response 125533

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	170.33
56.00	129.90	128.01
0.00	0.00	0.00

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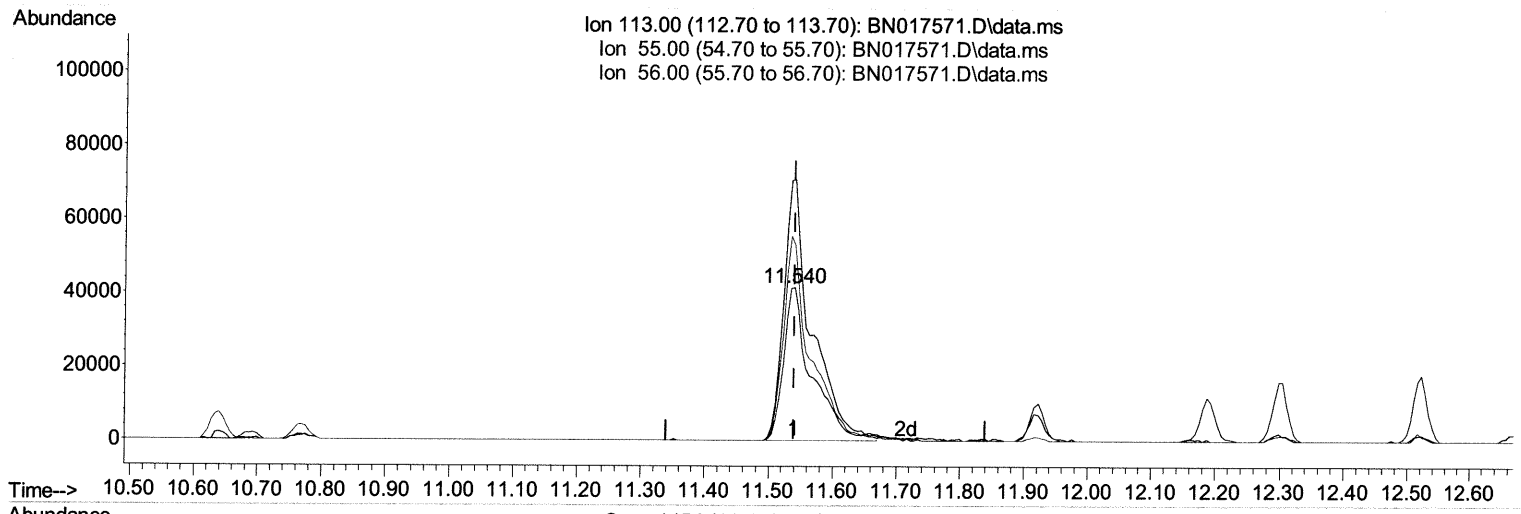

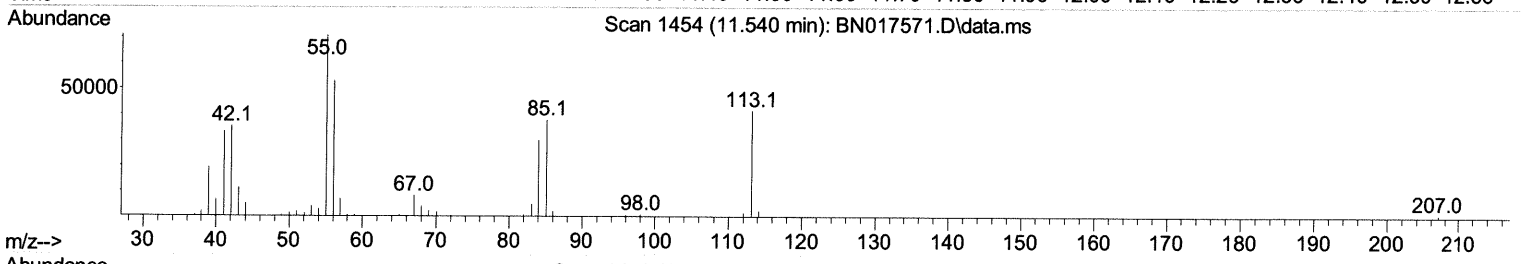

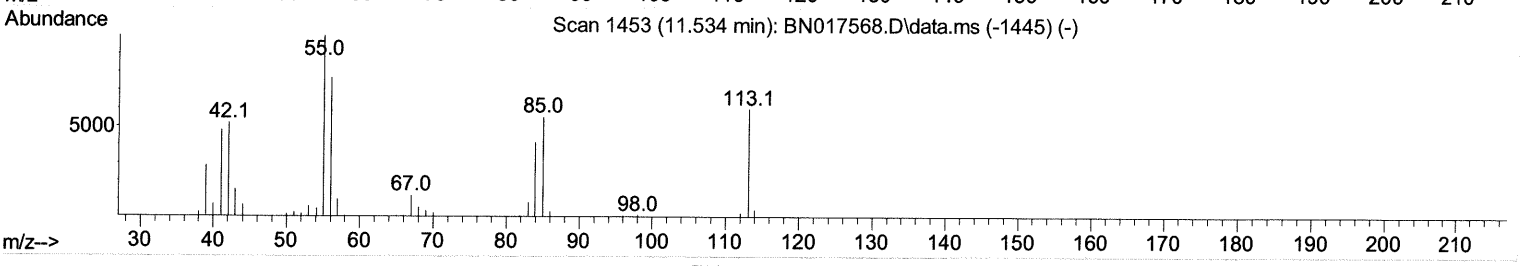

TIC: BN017571.D\data.ms

(34) Caprolactam

11.540min (+ 0.000) 27.22 ng/ul m 11/30/21 JU

response 127275

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	176.80	170.33
56.00	129.90	128.01
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	7.846	152	254076	20.000	ng/ul	0.00
20) Naphthalene-d8	10.640	136	1035988	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.475	164	570876	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	1029092	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	861189	20.000	ng/ul	0.00
88) Perylene-d12	23.774	264	870939	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	36685	5.160	ng/uL	0.00
4) Pyridine-d5	3.705	84	482890	25.885	ng/ul	0.00
7) Phenol-d5	7.005	99	641553	27.737	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.175	67	392231	27.061	ng/ul	0.00
11) 2-Chlorophenol-d4	7.375	132	496888	28.372	ng/ul	0.00
15) 4-Methylphenol-d8	8.546	113	487930	26.818	ng/ul	0.00
21) Nitrobenzene-d5	8.999	128	238019	30.326	ng/ul	0.00
24) 2-Nitrophenol-d4	9.716	143	240636	30.989	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	445145	29.118	ng/ul	0.00
31) 4-Chloroaniline-d4	10.769	131	558340	25.434	ng/ul	0.00
46) Dimethylphthalate-d6	13.887	166	1162639	28.011	ng/ul	0.00
49) Acenaphthylene-d8	14.169	160	1558188	29.239	ng/ul	0.00
54) 4-Nitrophenol-d4	14.663	143	199228	28.365	ng/ul	0.00
60) Fluorene-d10	15.469	176	968880	27.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	149323	27.937	ng/ul	0.00
73) Anthracene-d10	17.322	188	1392750	29.118	ng/ul	0.00
81) Pyrene-d10	19.616	212	1468979	26.870	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.621	264	1338446	29.231	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	74467	10.608	ng/uL	97
5) Pyridine	3.728	79	496419	26.442	ng/ul	90
6) Benzaldehyde	6.975	77	367781	29.974	ng/ul	91
8) Phenol	7.034	94	664146	28.351	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.263	93	530500	27.618	ng/ul	100
12) 2-Chlorophenol	7.405	128	514216	28.493	ng/ul	96
13) 2-Methylphenol	8.281	108	488356	27.678	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.375	45	705295	27.236	ng/ul	97
16) Acetophenone	8.657	105	745403	27.396	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.652	70	389524	27.468	ng/ul	94
18) 4-Methylphenol	8.610	108	516530	27.327	ng/ul	99
19) Hexachloroethane	8.928	117	217147	28.477	ng/ul	98
22) Nitrobenzene	9.040	77	588636	29.676	ng/ul	96
23) Isophorone	9.563	82	1073998	28.929	ng/ul	97
25) 2-Nitrophenol	9.751	139	260799	30.448	ng/ul#	91
26) 2,4-Dimethylphenol	9.816	107	557367	28.137	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.051	93	676094	27.979	ng/ul	100
29) 2,4-Dichlorophenol	10.287	162	449753	29.175	ng/ul	97
30) Naphthalene	10.687	128	1573970	28.398	ng/ul	100
32) 4-Chloroaniline	10.793	127	565645	25.395	ng/ul	100
33) Hexachlorobutadiene	10.987	225	291520	28.750	ng/ul	99
34) Caprolactam	11.540	113	127275m	> 27.224	ng/ul	> 11/30/21 JU
35) 4-Chloro-3-methylphenol	11.922	107	481658	27.772	ng/ul	95

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36)	2-Methylnaphthalene	12.298	142	1016290	27.475	ng/ul	100
37)	1-Methylnaphthalene	12.522	142	1022936	27.311	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.675	216	497755	29.397	ng/ul	98
40)	Hexachlorocyclopentadiene	12.663	237	300746	27.693	ng/ul	93
41)	2,4,6-Trichlorophenol	12.910	196	318293	30.770	ng/ul	98
42)	2,4,5-Trichlorophenol	12.975	196	342871	30.397	ng/ul	99
43)	1,1'-Biphenyl	13.316	154	1316712	29.245	ng/ul	100
44)	2-Chloronaphthalene	13.351	162	987626	28.848	ng/ul	95
45)	2-Nitroaniline	13.551	65	290790	30.688	ng/ul	96
47)	Dimethylphthalate	13.934	163	1151761	27.995	ng/ul	99
48)	2,6-Dinitrotoluene	14.051	165	238464	30.884	ng/ul	93
50)	Acenaphthylene	14.198	152	1554024	28.613	ng/ul	98
51)	3-Nitroaniline	14.375	138	220036	26.917	ng/ul	94
52)	Acenaphthene	14.539	153	999065	28.530	ng/ul	99
53)	2,4-Dinitrophenol	14.581	184	101886	26.250	ng/ul	99
55)	4-Nitrophenol	14.681	109	170011	27.752	ng/ul#	81
56)	Dibenzofuran	14.875	168	1422244	28.292	ng/ul	97
57)	2,4-Dinitrotoluene	14.834	165	324451	29.654	ng/ul	93
58)	2,3,4,6-Tetrachlorophenol	15.104	232	242423	29.048	ng/ul	99
59)	Diethylphthalate	15.304	149	1158414	28.114	ng/ul	99
61)	Fluorene	15.528	166	1046299	27.727	ng/ul	97
62)	4-Chlorophenyl-phenyle...	15.522	204	513698	27.895	ng/ul	92
63)	4-Nitroaniline	15.534	138	212080	30.771	ng/ul	88
66)	4,6-Dinitro-2-methylph...	15.598	198	155151	28.912	ng/ul#	89
67)	N-Nitrosodiphenylamine	15.734	169	916888	29.557	ng/ul	97
68)	4-Bromophenyl-phenylether	16.416	248	294659	28.999	ng/ul#	91
69)	Hexachlorobenzene	16.533	284	317159	29.289	ng/ul#	90
70)	Atrazine	16.686	200	306480	27.976	ng/ul	99
71)	Pentachlorophenol	16.875	266	178908	29.056	ng/ul	97
72)	Phenanthrene	17.263	178	1647218	29.336	ng/ul	99
74)	Anthracene	17.357	178	1611830	28.947	ng/ul	100
75)	1,2,3,4-Tetrachloroben...	13.281	216	509865	31.600	ng/uL	98
76)	Pentachlorobenzene	14.804	250	414879	28.278	ng/uL	98
77)	Carbazole	17.622	167	1447866	30.297	ng/ul	99
78)	Di-n-butylphthalate	18.198	149	1791996	30.857	ng/ul	99
80)	Fluoranthene	19.280	202	1799285	27.360	ng/ul	99
82)	Pyrene	19.645	202	1775193	26.964	ng/ul	98
83)	Butylbenzylphthalate	20.551	149	768977	31.994	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.327	252	481224	29.375	ng/ul	99
85)	Benzo(a)anthracene	21.392	228	1629713	28.568	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.333	149	1149687	33.050	ng/ul#	97
87)	Chrysene	21.445	228	1597265	28.494	ng/ul	100
89)	Di-n-octyl phthalate	22.251	149	1976485	29.880	ng/ul	100
90)	Benzo(b)fluoranthene	23.057	252	1672188	27.767	ng/ul	98
91)	Benzo(k)fluoranthene	23.104	252	1579648	27.780	ng/ul	100
93)	Benzo(a)pyrene	23.668	252	1627522	28.464	ng/ul	100
94)	Indeno(1,2,3-cd)pyrene	26.221	276	1822089	30.690	ng/ul	100
95)	Dibenzo(a,h)anthracene	26.239	278	1585923	31.450	ng/ul	98
96)	Benzo(g,h,i)perylene	26.962	276	1589948	31.333	ng/ul	97

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