

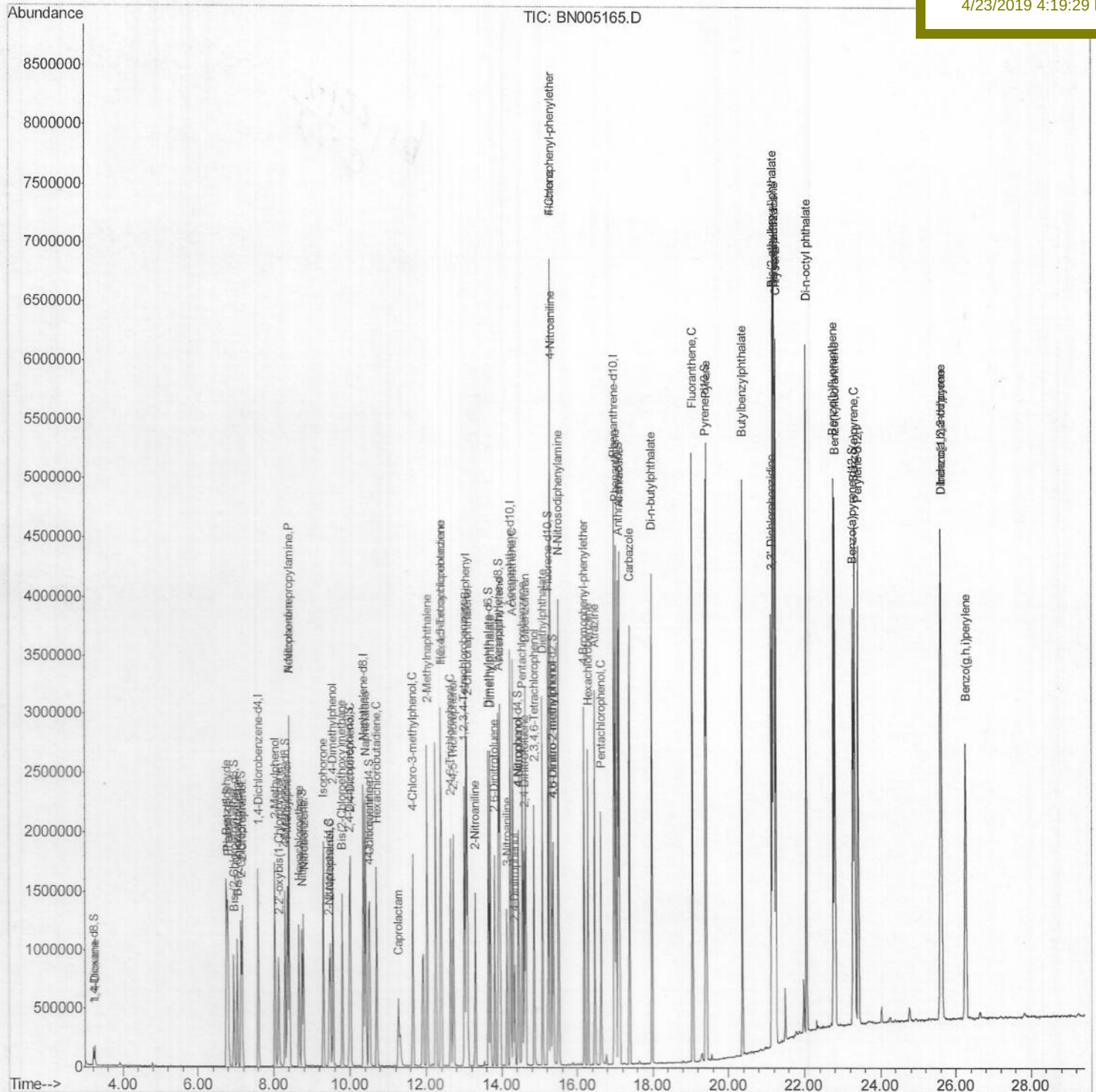
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042219\
 Data File : BN005165.D
 Acq On : 22 Apr 2019 08:40
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 23 03:49:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 19 04:25:06 2019
 Response via : Initial Calibration

Instrument :
 BNA_N
 LabSampleId :
 SSTD02065

Manual Integrations
 APPROVED

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 4/23/2019 4:19:29 PM



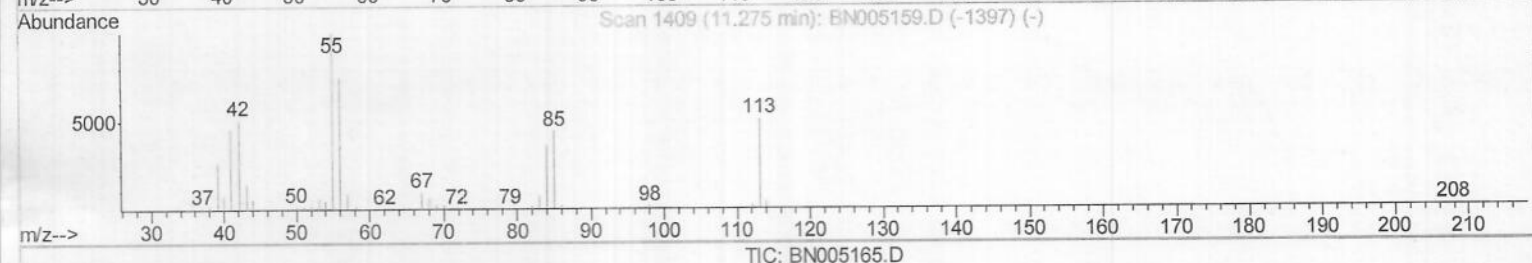
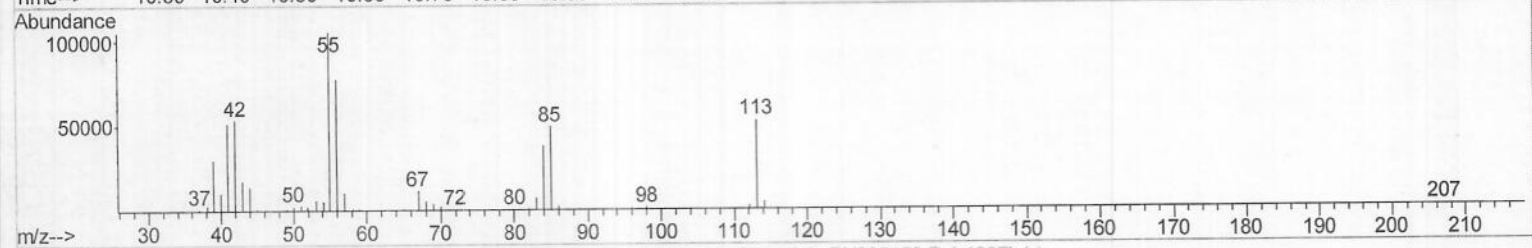
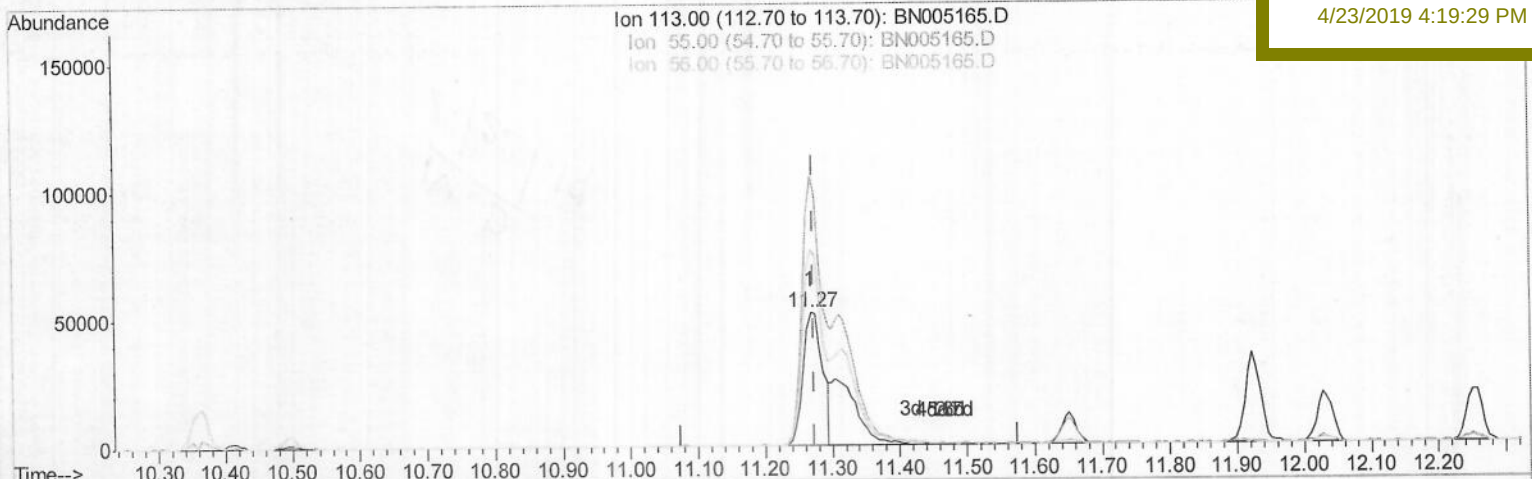
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(32) Caprolactam

11.269min (-0.006) 13.30ng/ul

response 103707

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	201.71
56.00	148.90	147.39
0.00	0.00	0.00

Quantitation Report (Qedit)

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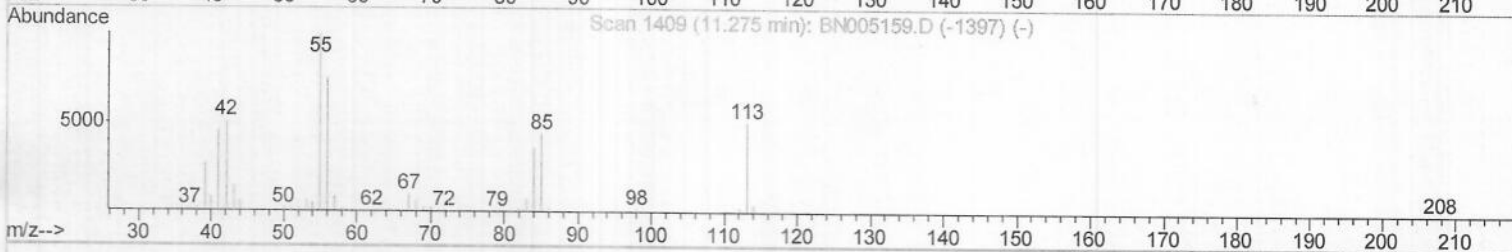
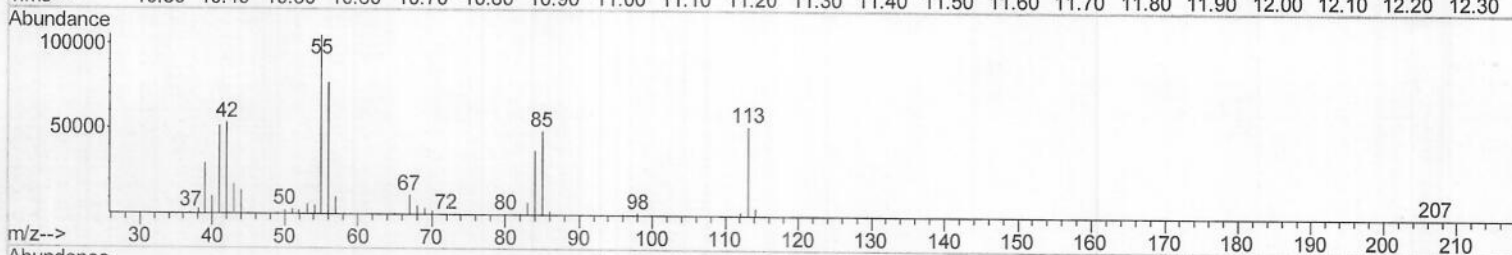
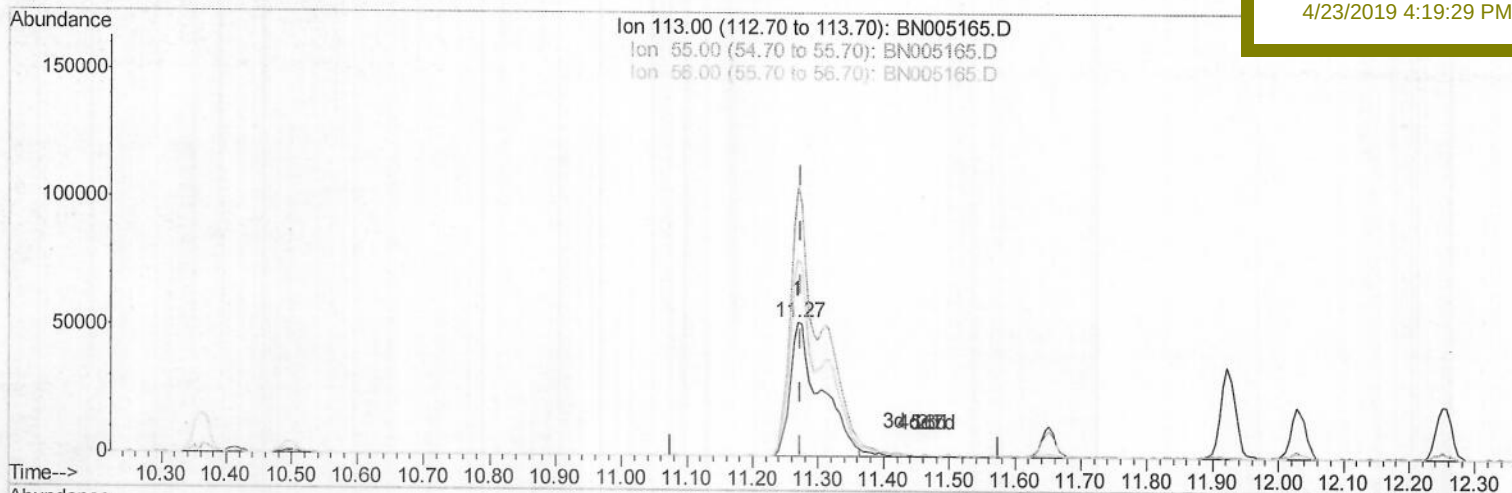
SSTD02065

Manual Integrations

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TIC: BN005165.D

(32) Caprolactam

11.269min (-0.006) 21.82ng/ul m

response 170138

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	201.71
56.00	148.90	147.39
0.00	0.00	0.00

57
04/24/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	413631	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1825732	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1129740	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	2631129	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2531751	20.00	ng/ul	0.02
85) Perylene-d12	23.42	264	2757869	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	64438	7.52	ng/uL	0.00
5) Phenol-d5	6.78	99	655302	20.17	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	6.95	67	405076	19.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	503110	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	526667	20.74	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	238743	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	255531	22.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	532882	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	545419	20.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1687311	20.57	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	2047469	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	285450	22.04	ng/ul	0.00
57) Fluorene-d10	15.23	176	1422430	20.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	252120	21.30	ng/ul	0.00
70) Anthracene-d10	17.09	188	2205047	19.99	ng/ul	0.00
78) Pyrene-d10	19.40	212	2465685	19.04	ng/ul	0.00
89) Benzo (a) pyrene-d12	23.28	264	2410968	20.00	ng/ul	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	71432	7.752	ng/uL	94
4) Benzaldehyde	6.75	77	469662	20.401	ng/ul	94
6) Phenol	6.80	94	684884	20.496	ng/ul	100
8) Bis(2-Chloroethyl) ether	7.04	93	544602	20.354	ng/ul	98
10) 2-Chlorophenol	7.17	128	521123	20.275	ng/ul	98
11) 2-Methylphenol	8.03	108	512898	20.484	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	903251	20.106	ng/ul	99
14) Acetophenone	8.41	105	857988	21.111	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	446244	20.526	ng/ul	97
16) 4-Methylphenol	8.36	108	564720	20.883	ng/ul	95
17) Hexachloroethane	8.66	117	219647	19.679	ng/ul	97
20) Nitrobenzene	8.78	77	645658	20.878	ng/ul	99
21) Isophorone	9.30	82	1262645	20.621	ng/ul	99
23) 2-Nitrophenol	9.49	139	290980	22.541	ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	655314	20.274	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	766982	19.932	ng/ul	99
27) 2,4-Dichlorophenol	10.01	162	530912	20.601	ng/ul	99
28) Naphthalene	10.41	128	1698581	20.013	ng/ul	100
30) 4-Chloroaniline	10.52	127	562366	20.502	ng/ul	99
31) Hexachlorobutadiene	10.70	225	355800	19.550	ng/ul	99
32) Caprolactam	11.27	113	170138m	21.820	ng/ul	99
33) 4-Chloro-3-methylphenol	11.65	107	616693	21.251	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	1258328	20.248	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	678567	19.408	ng/ul	98
37) Hexachlorocyclopentadiene	12.39	237	444298	18.639	ng/ul	99
38) 2,4,6-Trichlorophenol	12.65	196	436076	20.684	ng/ul	100
39) 2,4,5-Trichlorophenol	12.72	196	474142	20.929	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	1674278	19.890	ng/ul	98
41) 2-Chloronaphthalene	13.10	162	1278285	19.745	ng/ul	97
42) 2-Nitroaniline	13.30	65	389162	22.664	ng/ul	94
44) Dimethylphthalate	13.70	163	1676274	20.513	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	322934	22.887	ng/ul	94
47) Acenaphthylene	13.95	152	1994110	20.145	ng/ul	99
48) 3-Nitroaniline	14.14	138	283265	21.595	ng/ul	93
49) Acenaphthene	14.30	153	1343403	19.879	ng/ul	100
50) 2,4-Dinitrophenol	14.34	184	151587	22.055	ng/ul	97
52) 4-Nitrophenol	14.45	109	257578	21.914	ng/ul	95
53) Dibenzofuran	14.63	168	1988778	20.440	ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	477295	23.465	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	411497	21.834	ng/ul	96
56) Diethylphthalate	15.09	149	1710050	20.870	ng/ul	98
58) Fluorene	15.29	166	1559176	20.537	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.29	204	813576	20.201	ng/ul	97
60) 4-Nitroaniline	15.30	138	358675	21.933	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.36	198	269805	21.422	ng/ul	95
64) N-Nitrosodiphenylamine	15.50	169	1401948	19.468	ng/ul	98
65) 4-Bromophenyl-phenylether	16.19	248	513236	19.362	ng/ul	97
66) Hexachlorobenzene	16.29	284	548232	19.423	ng/ul	96
67) Atrazine	16.47	200	533192	19.888	ng/ul	100
68) Pentachlorophenol	16.63	266	336604	20.367	ng/ul	98
69) Phenanthrene	17.03	178	2560705	19.984	ng/ul	100
71) Anthracene	17.12	178	2613231	20.019	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	707647	18.413	ng/uL	98
73) Pentachlorobenzene	14.55	250	657883	19.020	ng/uL	99
74) Carbazole	17.39	167	2326982	20.752	ng/ul	99
75) Di-n-butylphthalate	17.98	149	2924990	20.790	ng/ul	100
76) Fluoranthene	19.06	202	3016691	21.225	ng/ul	99
79) Pyrene	19.42	202	3113177	19.098	ng/ul	99
80) Butylbenzylphthalate	20.37	149	1342179	20.796	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.14	252	975660	19.288	ng/ul	99
82) Benzo(a)anthracene	21.20	228	3144320	19.964	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	2079888	20.929	ng/ul	99
84) Chrysene	21.25	228	2911449	19.917	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	3480653	20.606	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	3002837	19.370	ng/ul	98
88) Benzo(k)fluoranthene	22.81	252	3018570	20.387	ng/ul	99
90) Benzo(a)pyrene	23.33	252	2900861	19.907	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.60	276	3118506	19.357	ng/ul	99
92) Dibenzo(a,h)anthracene	25.62	278	2655625	19.423	ng/ul	99
93) Benzo(g,h,i)perylene	26.26	276	2554756	19.178	ng/ul	99

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