

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN052819\

Data File : BN005913.D

Acq On : 29 May 2019 02:16

Operator : JU/SJ

Sample : SSTDICV020

Misc :

ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 29 02:50:43 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 29 02:28:30 2019

Response via : Initial Calibration

Instrument :

BNA_N

Client Sampled :

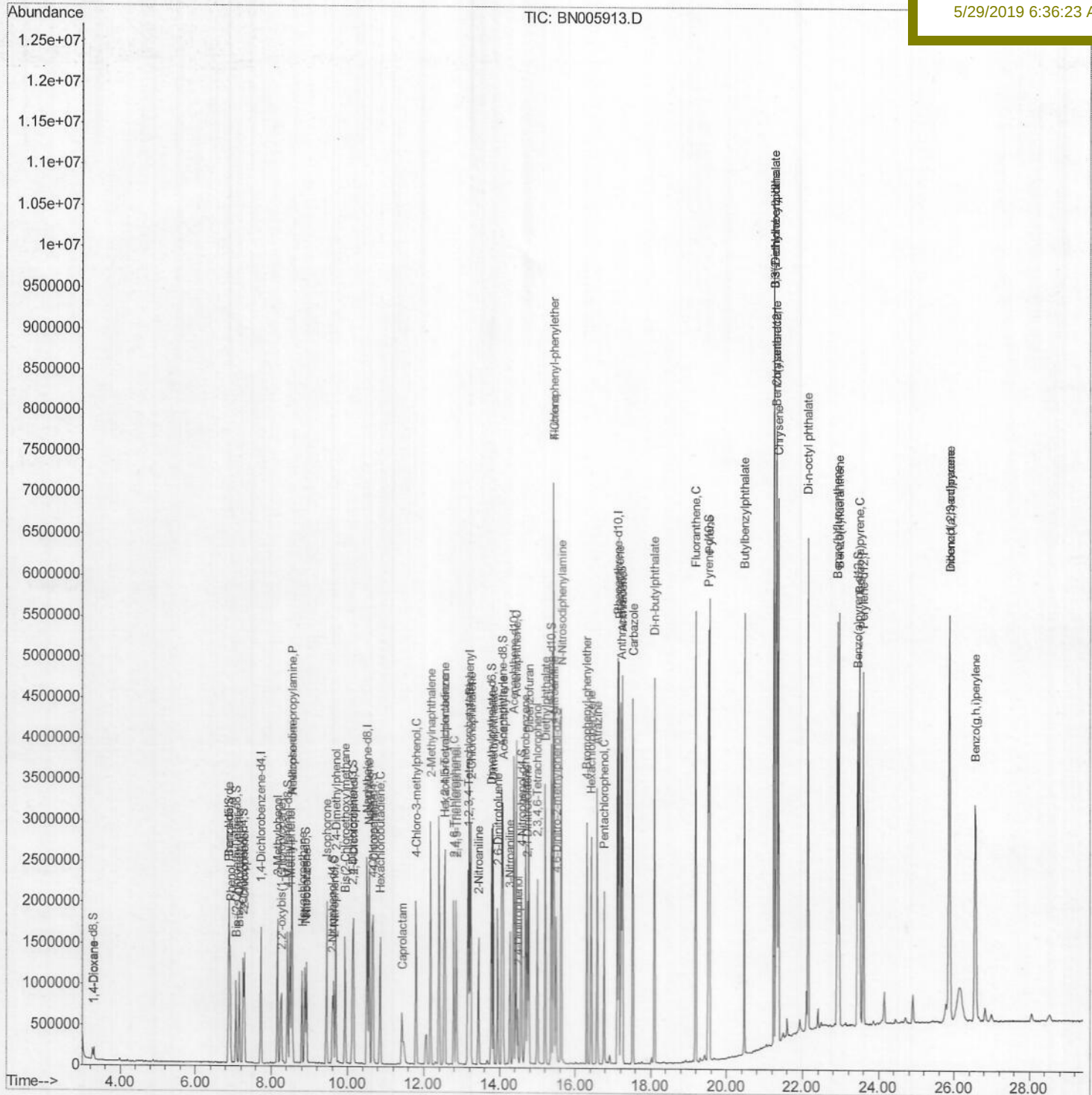
SICV88

Manual Integrations

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Sohil

5/29/2019 6:36:23 AM



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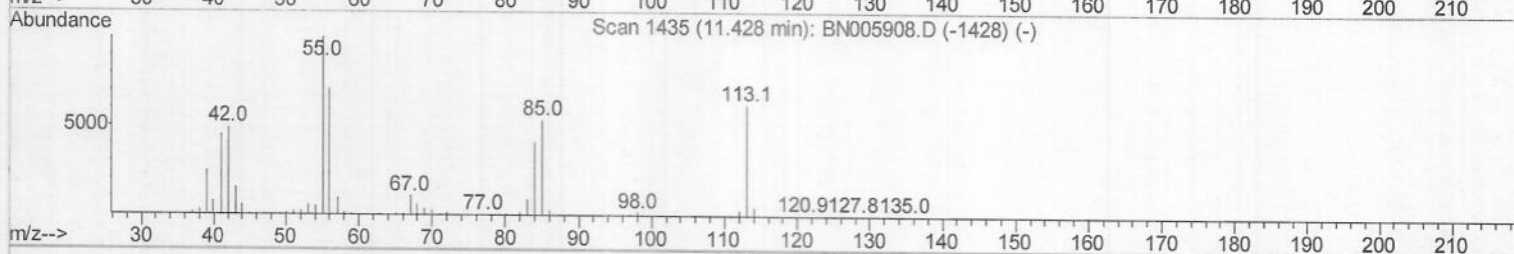
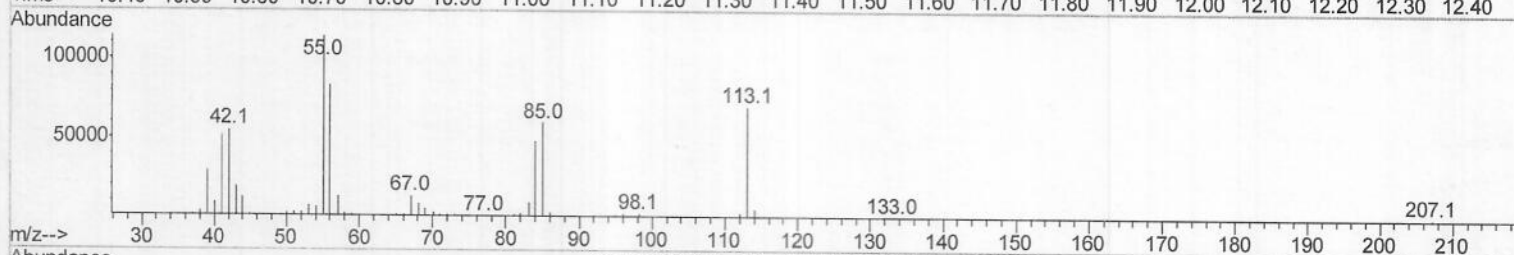
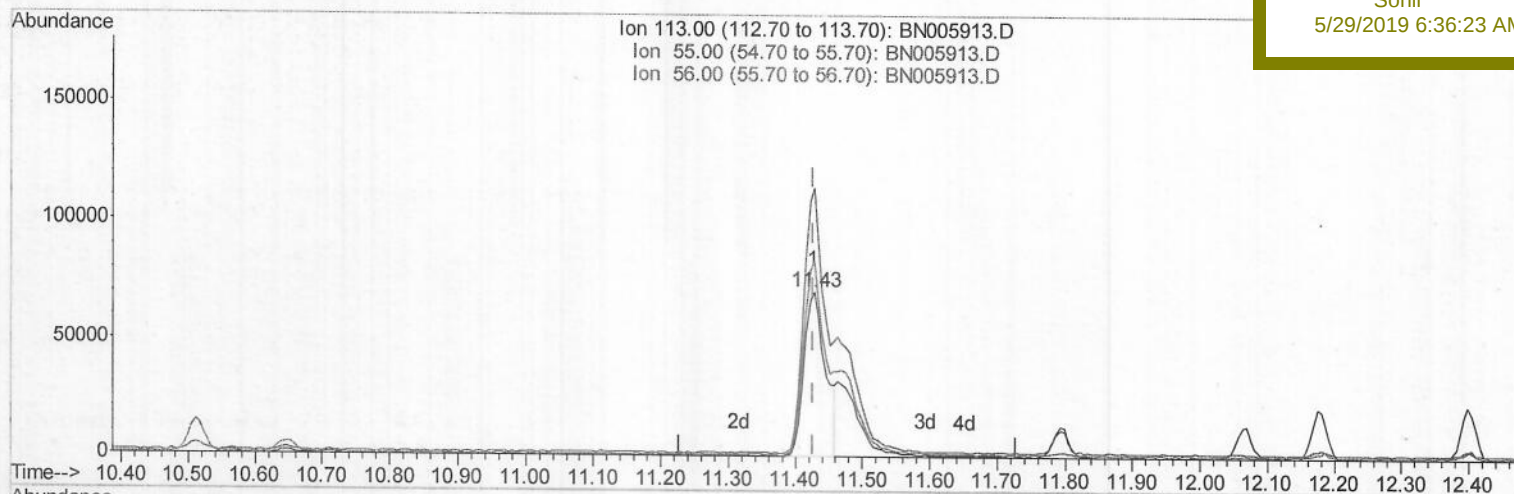
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TIC: BN005913.D

(32) Caprolactam

11.428min (+0.000) 13.68ng/ul

response 155475

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	161.38
56.00	148.90	118.35#
0.00	0.00	0.00

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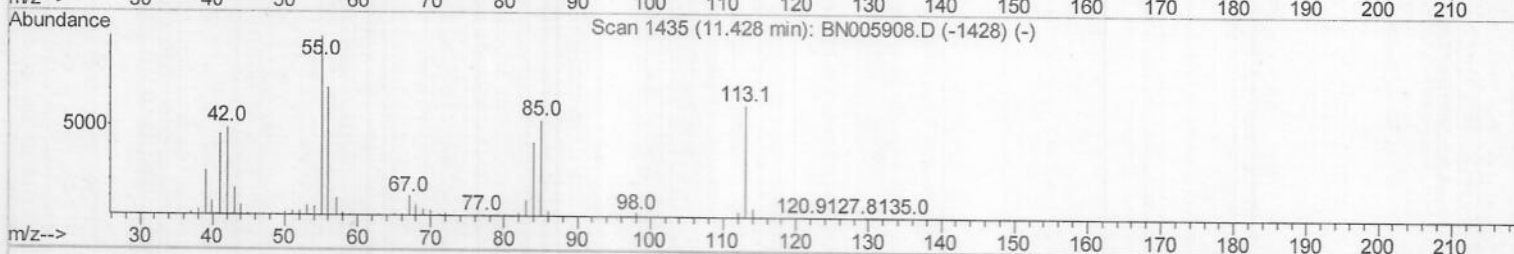
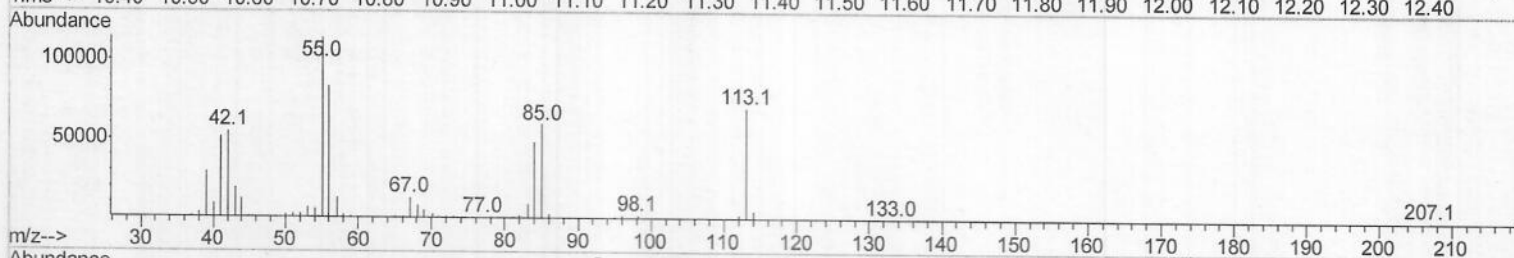
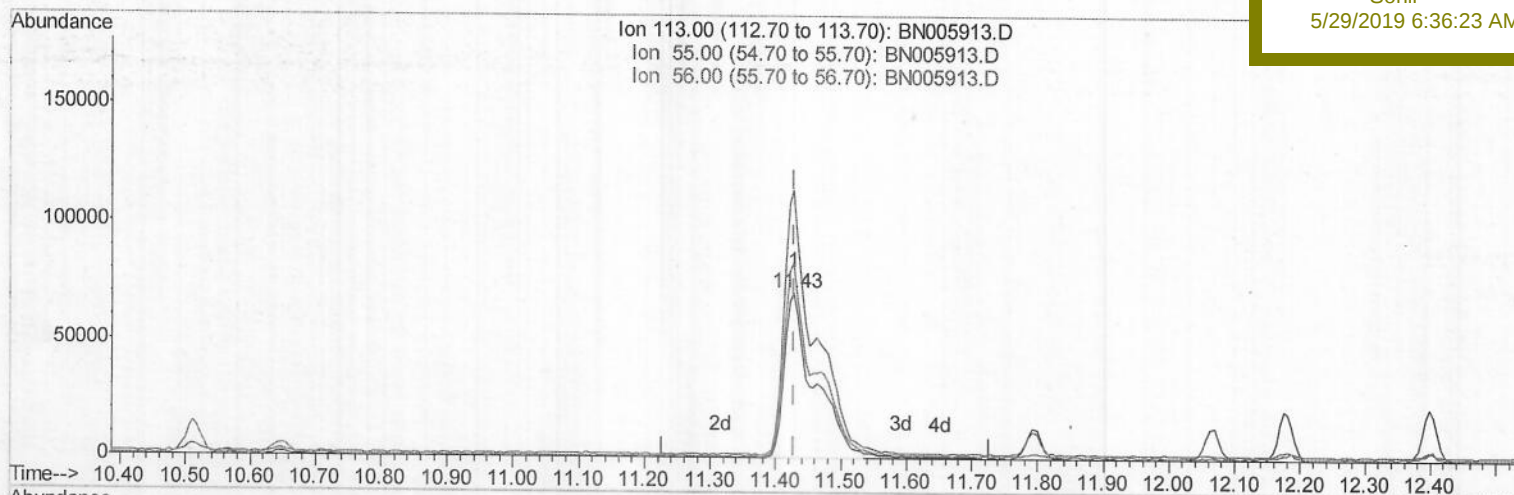
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TIC: BN005913.D

(32) Caprolactam

11.428min (+0.000) 19.88ng/ul m

response 225845

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	161.38
56.00	148.90	118.35#
0.00	0.00	0.00

> JU05/29/19

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	426673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	2037527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	1247245	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	2789110	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	2550068	20.00	ng/ul	0.00
85) Perylene-d12	23.59	264	2941086	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	72144	7.44	ng/uL	0.00
5) Phenol-d5	6.89	99	744097	19.68	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.07	67	426509	19.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	562149	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	596579	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	268651	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	256033	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	572297	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	784652	20.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	1817789	19.77	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	2263026	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	340546	20.35	ng/ul	0.00
57) Fluorene-d10	15.36	176	1526977	19.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	225041	19.80	ng/ul	0.00
70) Anthracene-d10	17.22	188	2355072	19.84	ng/ul	0.00
78) Pyrene-d10	19.52	212	2550271	19.80	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	2604299	19.84	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.30	88	79210	7.713	ng/uL	94
4) Benzaldehyde	6.88	77	499381	19.127	ng/ul	99
6) Phenol	6.92	94	769508	19.748	ng/ul	90
8) Bis(2-Chloroethyl) ether	7.16	93	597738	19.865	ng/ul	91
10) 2-Chlorophenol	7.29	128	581601	19.859	ng/ul	96
11) 2-Methylphenol	8.16	108	587357	19.564	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	792160	19.768	ng/ul#	92
14) Acetophenone	8.55	105	937341	20.363	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.53	70	490142	19.900	ng/ul#	87
16) 4-Methylphenol	8.49	108	656334	19.914	ng/ul	96
17) Hexachloroethane	8.80	117	224519	19.224	ng/ul	92
20) Nitrobenzene	8.92	77	670241	20.078	ng/ul	95
21) Isophorone	9.45	82	1427142	19.638	ng/ul	98
23) 2-Nitrophenol	9.63	139	302578	21.225	ng/ul	97
24) 2,4-Dimethylphenol	9.69	107	703411	19.693	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.93	93	871367	19.699	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	566355	19.893	ng/ul	99
28) Naphthalene	10.56	128	1917213	19.826	ng/ul	99
30) 4-Chloroaniline	10.67	127	800247	21.158	ng/ul	99
31) Hexachlorobutadiene	10.85	225	311819	19.710	ng/ul	98
32) Caprolactam	11.43	113	225845m	19.876	ng/ul	97
33) 4-Chloro-3-methylphenol	11.79	107	688598	20.060	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	1425043	20.005	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	654460	19.648	ng/ul	97
37) Hexachlorocyclopentadiene	12.53	237	372791	19.225	ng/ul	98
38) 2,4,6-Trichlorophenol	12.79	196	444526	20.281	ng/ul	97
39) 2,4,5-Trichlorophenol	12.86	196	487014	20.324	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	1828781	19.769	ng/ul	98
41) 2-Chloronaphthalene	13.24	162	1385280	19.771	ng/ul	98
42) 2-Nitroaniline	13.45	65	395828	21.358	ng/ul	86
44) Dimethylphthalate	13.83	163	1815403	19.754	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	339316	21.419	ng/ul	98
47) Acenaphthylene	14.09	152	2243305	19.889	ng/ul	99
48) 3-Nitroaniline	14.27	138	362922	21.102	ng/ul	94
49) Acenaphthene	14.43	153	1519685	19.833	ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	127805	18.128	ng/ul	90
52) 4-Nitrophenol	14.57	109	270522	20.625	ng/ul	83
53) Dibenzofuran	14.77	168	2151156	19.888	ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	507657	21.498	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	14.99	232	406280	20.628	ng/ul	94
56) Diethylphthalate	15.20	149	1886137	19.718	ng/ul	99
58) Fluorene	15.42	166	1699038	20.000	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.42	204	806052	19.911	ng/ul	99
60) 4-Nitroaniline	15.44	138	437740	21.019	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.50	198	252458	20.193	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	1546761	19.892	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	509048	19.652	ng/ul	98
66) Hexachlorobenzene	16.43	284	549224	19.734	ng/ul	97
67) Atrazine	16.59	200	556744	20.240	ng/ul	98
68) Pentachlorophenol	16.77	266	330884	20.209	ng/ul	98
69) Phenanthrene	17.16	178	2742404	19.845	ng/ul	99
71) Anthracene	17.25	178	2828046	20.158	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	680830	19.671	ng/uL	99
73) Pentachlorobenzene	14.69	250	640543	19.982	ng/uL	98
74) Carbazole	17.52	167	2658197	21.032	ng/ul	100
75) Di-n-butylphthalate	18.10	149	3329526	20.156	ng/ul	100
76) Fluoranthene	19.19	202	3176541	21.533	ng/ul#	94
79) Pyrene	19.55	202	3263810	20.205	ng/ul#	93
80) Butylbenzylphthalate	20.46	149	1476325	20.337	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.25	252	1076504	21.257	ng/ul	99
82) Benzo(a)anthracene	21.31	228	3177427	19.821	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.25	149	2143664	20.372	ng/ul	98
84) Chrysene	21.36	228	2977410	19.914	ng/ul	99
86) Di-n-octyl phthalate	22.15	149	3827545	22.056	ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	3163876	19.153	ng/ul	98
88) Benzo(k)fluoranthene	22.96	252	3132004	20.621	ng/ul#	96
90) Benzo(a)pyrene	23.49	252	3075737	19.744	ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.87	276	3592782	19.655	ng/ul#	93
92) Dibenzo(a,h)anthracene	25.88	278	3023370	19.865	ng/ul	97
93) Benzo(g,h,i)perylene	26.56	276	3019351	19.612	ng/ul#	94

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