

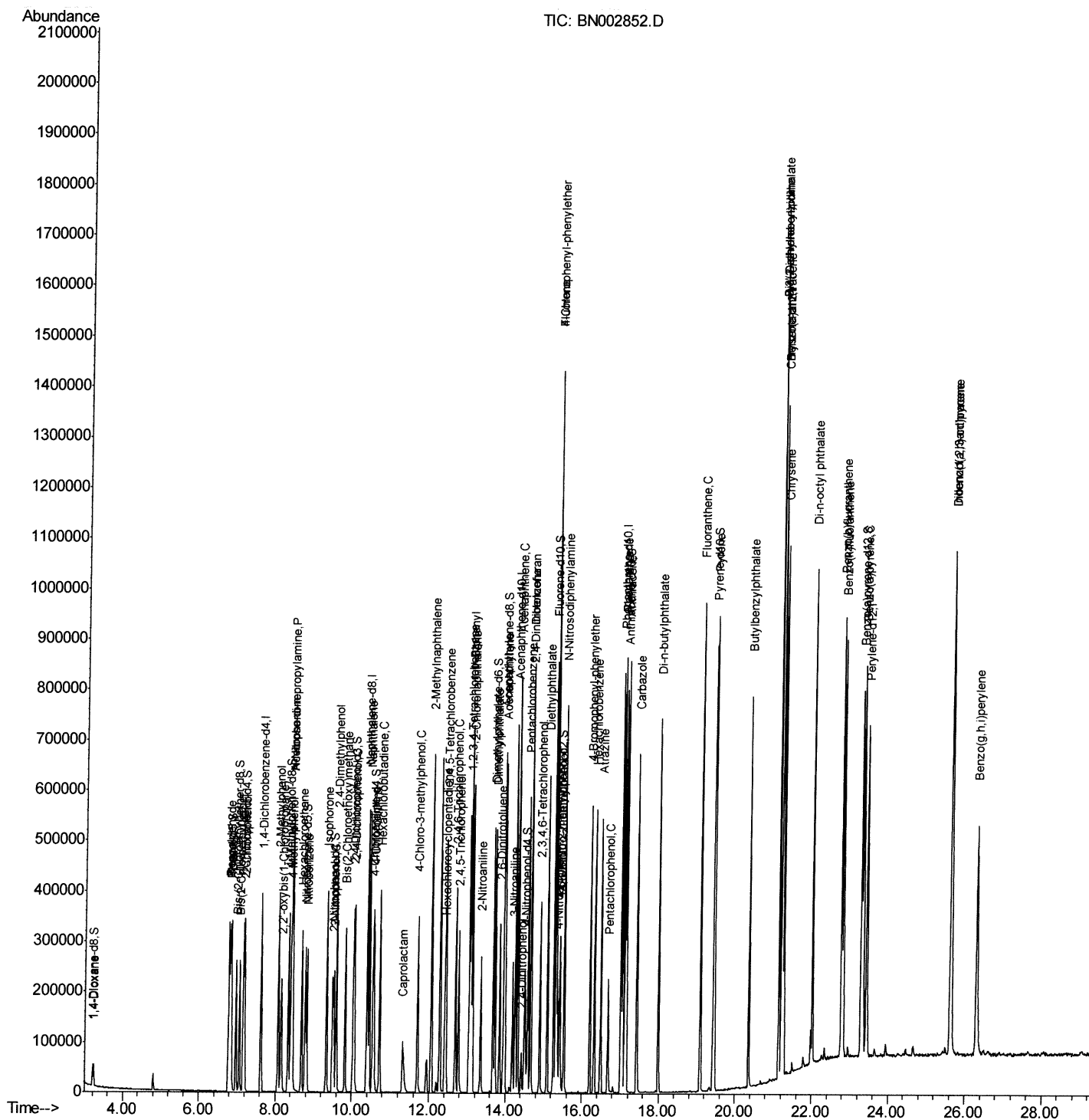
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN092718\  
Data File : BN002852.D  
Acq On    : 27 Sep 2018 12:31  
Operator  : MJ/SJ  
Sample    : SSTDCCC020EC  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02064

Manual Integrations APPROVED

Sohil
9/28/2018 4:25:03 PM

Quant Time: Sep 27 13:13:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 12:51:02 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

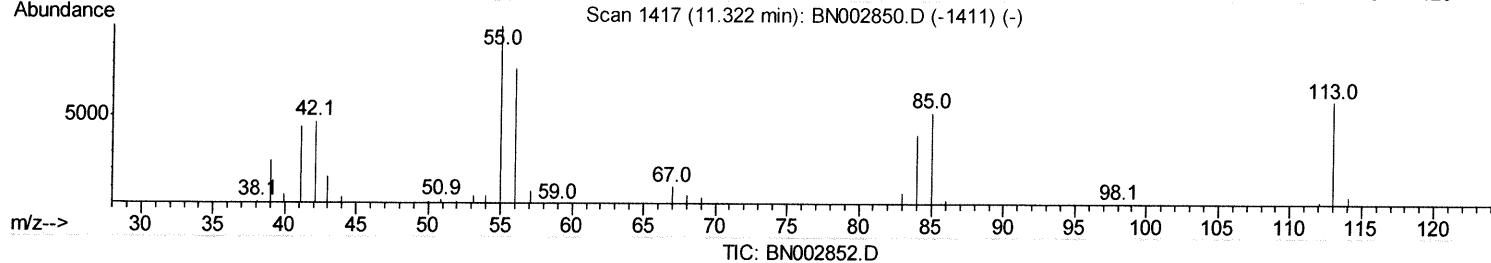
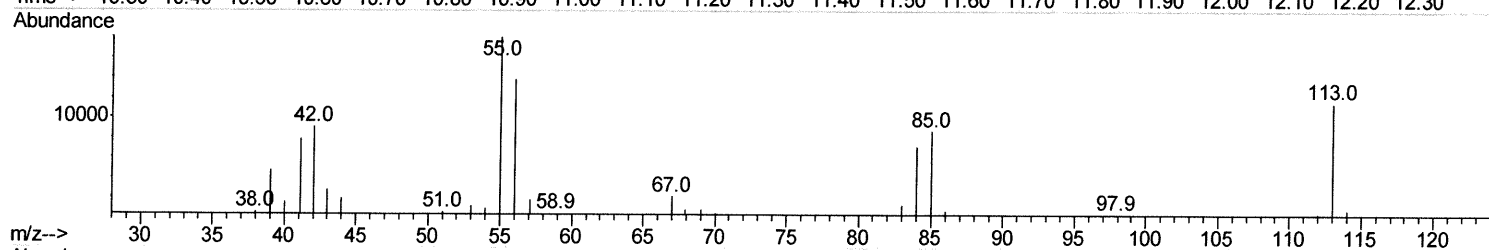
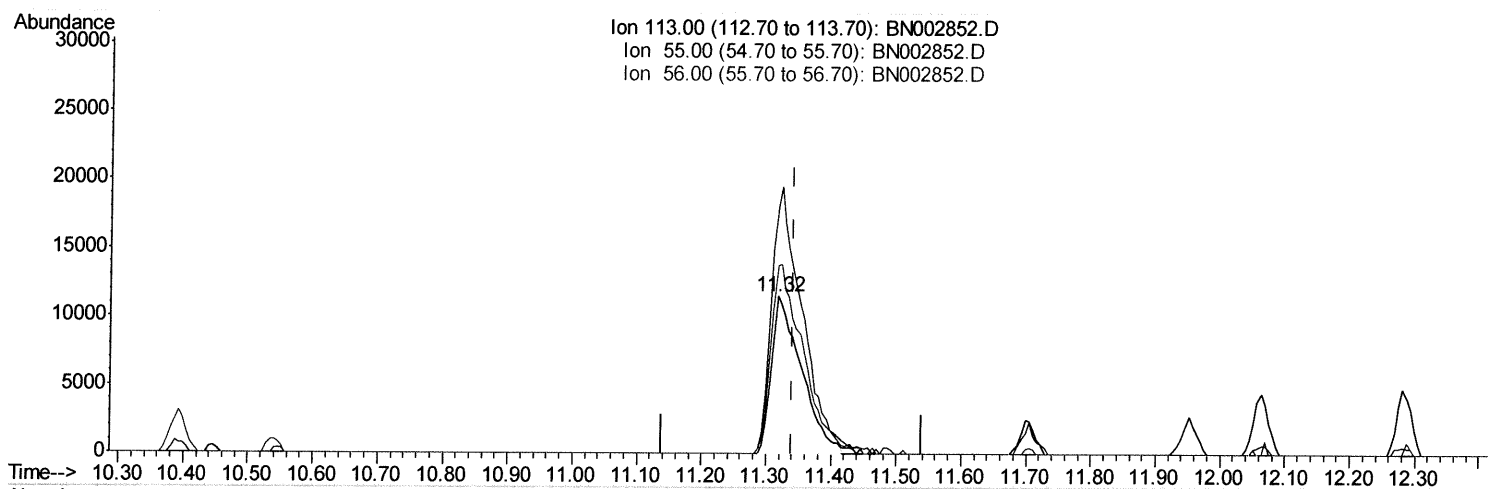
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(32) Caprolactam

11.316min (-0.023) 17.13ng/ul

response 37074

Ion	Exp%	Act%
113.00	100	100
55.00	171.20	156.91
56.00	128.00	119.45
0.00	0.00	0.00

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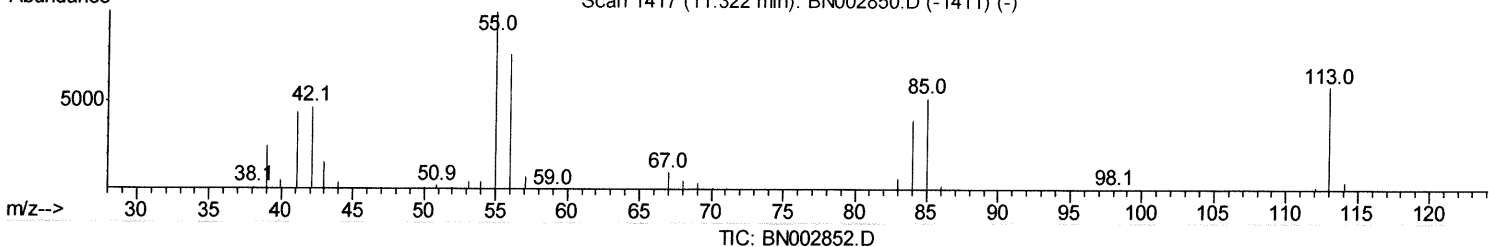
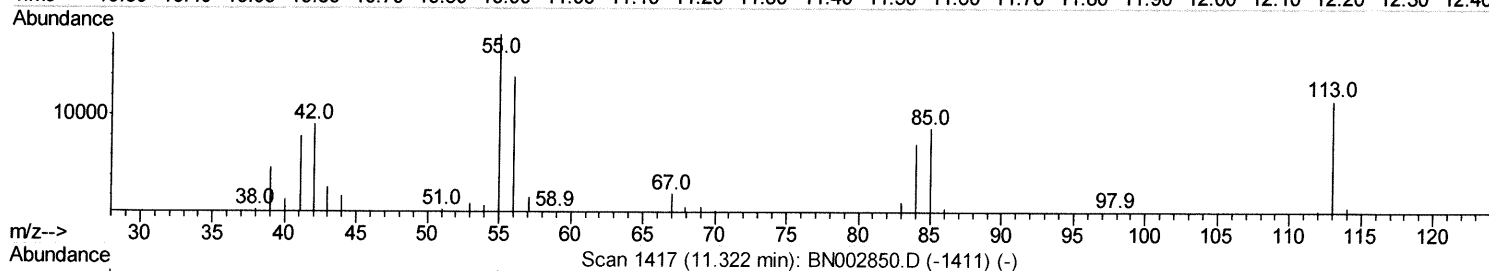
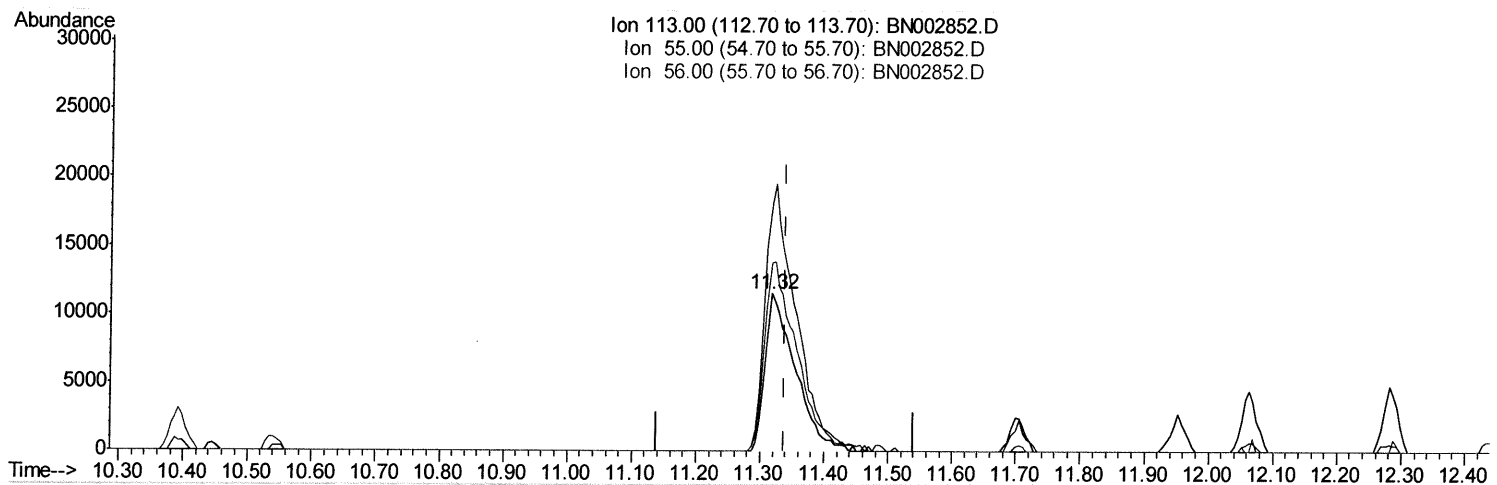
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(32) Caprolactam

11.316min (-0.023) 17.33ng/ul m *SJ 10/1/18*

response 37519

Ion	Exp%	Act%
113.00	100	100
55.00	171.20	156.91
56.00	128.00	119.45
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	114802	20.00	nq/ul	-0.01
18) Naphthalene-d8	10.39	136	458875	20.00	nq/ul	-0.02
35) Acenaphthene-d10	14.26	164	236350	20.00	nq/ul	-0.01
61) Phenanthrene-d10	17.02	188	470478	20.00	nq/ul	-0.01
77) Chrysene-d12	21.22	240	459772	20.00	nq/ul	-0.01
85) Perylene-d12	23.43	264	484201	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	20009	8.04	ng/uL	-0.02
5) Phenol-d5	6.81	99	182622	18.73	nq/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.97	67	116300	19.21	nq/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	156816	19.54	nq/ul	-0.02
13) 4-Methylphenol-d8	8.33	113	139117	18.42	nq/ul	-0.02
19) Nitrobenzene-d5	8.78	128	71317	20.06	nq/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	81385	20.23	nq/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	144468	19.90	nq/ul	-0.02
29) 4-Chloroaniline-d4	10.54	131	172420	20.52	nq/ul	-0.02
43) Dimethylphthalate-d6	13.67	166	363398	19.64	nq/ul	-0.02
46) Acenaphthylene-d8	13.95	160	490555	20.31	nq/ul	-0.02
51) 4-Nitrophenol-d4	14.50	143	48922	15.99	nq/ul	-0.01
57) Fluorene-d10	15.26	176	324660	20.03	nq/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.40	200	53352	18.13	nq/ul	-0.01
70) Anthracene-d10	17.12	188	454222	20.22	nq/ul	-0.01
78) Pyrene-d10	19.42	212	469629	19.36	nq/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	514784	20.20	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.23	88	20934	7.525	ng/uL	95
4) Benzaldehyde	6.78	77	123120	23.100	nq/ul	94
6) Phenol	6.84	94	186448	18.966	nq/ul	98
8) Bis(2-Chloroethyl)ether	7.06	93	149184	19.730	nq/ul	95
10) 2-Chlorophenol	7.19	128	159006	19.968	nq/ul	95
11) 2-Methylphenol	8.08	108	138478	18.758	nq/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	218707	18.468	nq/ul	99
14) Acetophenone	8.44	105	217761	18.720	nq/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	107642	18.413	nq/ul	94
16) 4-Methylphenol	8.40	108	145838	18.626	nq/ul	100
17) Hexachloroethane	8.68	117	63445	19.818	nq/ul	97
20) Nitrobenzene	8.82	77	163360	19.772	nq/ul	96
21) Isophorone	9.33	82	289729	19.008	nq/ul	99
23) 2-Nitrophenol	9.52	139	84119	20.197	nq/ul	95
24) 2,4-Dimethylphenol	9.59	107	160534	19.547	nq/ul	96
25) Bis(2-Chloroethoxy)methane	9.82	93	189872	19.797	nq/ul	98
27) 2,4-Dichlorophenol	10.06	162	138285	19.622	nq/ul	92
28) Naphthalene	10.45	128	477302	20.181	nq/ul	99
30) 4-Chloroaniline	10.56	127	173231	20.596	nq/ul	97
31) Hexachlorobutadiene	10.72	225	90588	20.123	nq/ul	97
32) Caprolactam	11.32	113	37519m	17.333	nq/ul	
33) 4-Chloro-3-methylphenol	11.70	107	134220	18.678	nq/ul	98
34) 2-Methylnaphthalene	12.06	142	328998	19.902	ng/ul	99

SJ 10/1/18

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	165428	21.069	ng/ul	98
37) Hexachlorocyclopentadiene	12.41	237	69708	19.840	ng/ul	97
38) 2,4,6-Trichlorophenol	12.69	196	100567	20.077	ng/ul	99
39) 2,4,5-Trichlorophenol	12.77	196	103703	19.768	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	401160	20.607	ng/ul	100
41) 2-Chloronaphthalene	13.13	162	319685	20.931	ng/ul	96
42) 2-Nitroaniline	13.35	65	80092	18.885	ng/ul	96
44) Dimethylphthalate	13.73	163	357855	19.819	ng/ul	100
45) 2,6-Dinitrotoluene	13.85	165	71399	19.627	ng/ul	98
47) Acenaphthylene	13.98	152	466368	20.549	ng/ul	100
48) 3-Nitroaniline	14.19	138	69195	19.508	ng/ul	98
49) Acenaphthene	14.33	153	325022	20.217	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	24987	12.992	ng/ul	91
52) 4-Nitrophenol	14.51	109	32640	15.334	ng/ul	89
53) Dibenzofuran	14.67	168	447526	20.245	ng/ul	96
54) 2,4-Dinitrotoluene	14.65	165	100640	19.556	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.90	232	82199	19.794	ng/ul	97
56) Diethylphthalate	15.10	149	344730	19.487	ng/ul	98
58) Fluorene	15.32	166	357105	20.168	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	179729	20.299	ng/ul	98
60) 4-Nitroaniline	15.35	138	68580	18.236	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.42	198	56412	18.982	ng/ul	93
64) N-Nitrosodiphenylamine	15.53	169	302303	20.707	ng/ul	97
65) 4-Bromophenyl-phenylether	16.21	248	107811	20.901	ng/ul	96
66) Hexachlorobenzene	16.33	284	116736	20.717	ng/ul	98
67) Atrazine	16.49	200	98653	19.756	ng/ul	99
68) Pentachlorophenol	16.68	266	48089	18.324	ng/ul	97
69) Phenanthrene	17.06	178	529103	20.411	ng/ul	99
71) Anthracene	17.15	178	539069	20.510	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	172102	21.412	ng/uL	100
73) Pentachlorobenzene	14.59	250	152670	21.273	ng/uL	97
74) Carbazole	17.43	167	462381	20.500	ng/ul	99
75) Di-n-butylphthalate	17.99	149	543351	20.078	ng/ul	99
76) Fluoranthene	19.09	202	578689	20.927	ng/ul	100
79) Pvrene	19.45	202	583584	19.197	ng/ul	99
80) Butylbenzylphthalate	20.36	149	232619	18.389	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.15	252	197767	21.299	ng/ul	96
82) Benzo(a)anthracene	21.21	228	567656	19.847	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	348917	19.000	ng/ul	99
84) Chrysene	21.26	228	539019	20.106	ng/ul	100
86) Di-n-octyl phthalate	22.02	149	598066	18.687	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	564446	19.088	ng/ul	98
88) Benzo(k)fluoranthene	22.82	252	566474	20.534	ng/ul	99
90) Benzo(a)pyrene	23.33	252	556054	19.890	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.63	276	681970	20.605	ng/ul	99
92) Dibenzo(a,h)anthracene	25.64	278	575259	20.628	ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	569314	20.577	ng/ul	100

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