

(QT Reviewed)

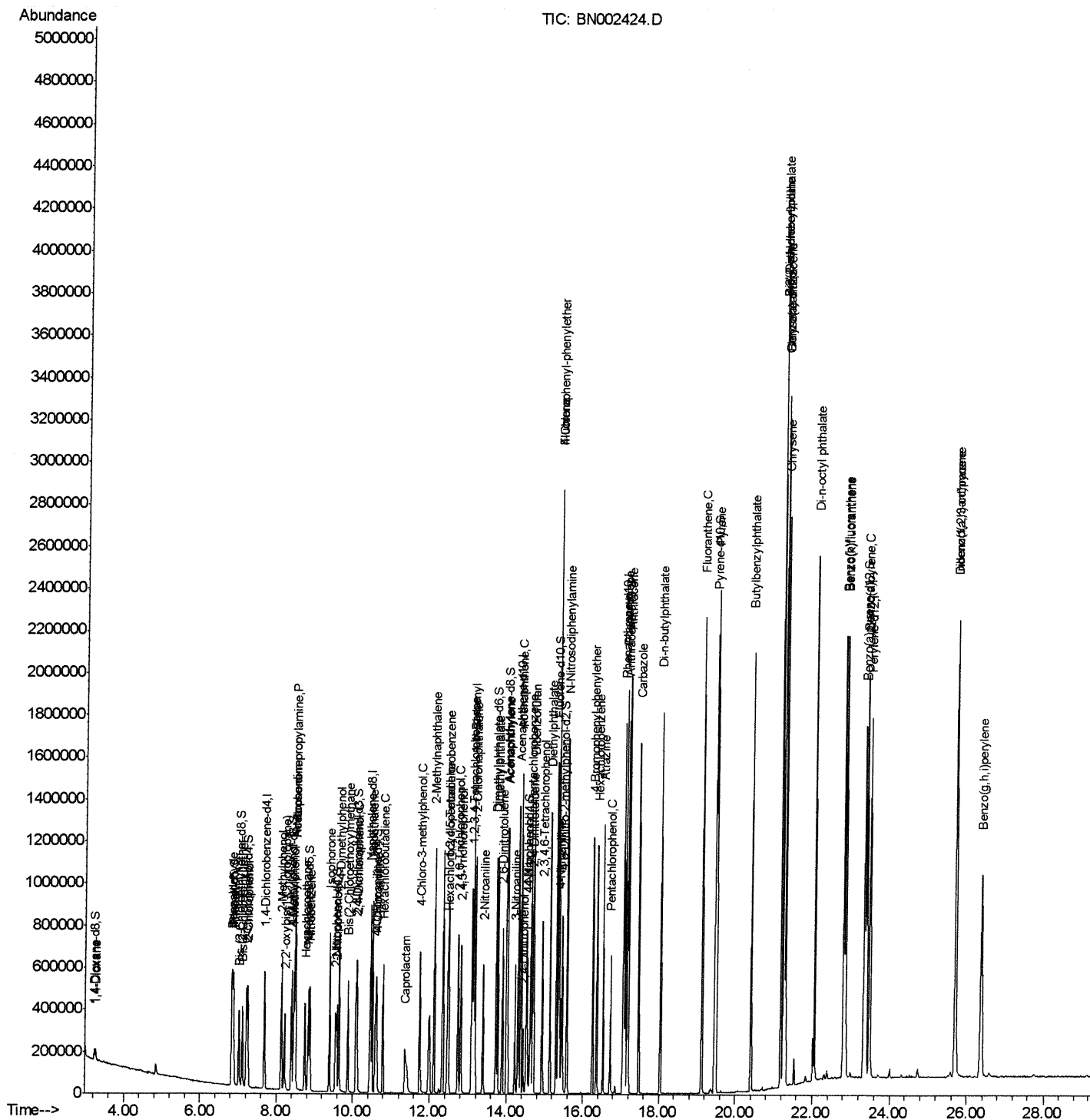
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Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082018\  
Data File : BN002424.D  
Acq On    : 20 Aug 2018 16:03  
Operator  : JU/SJ  
Sample    : SSTDCCC020  
Misc      :  
ALS Vial  : 2      Sample Multiplier: 1
```

Instrument :
BNA_N
LabSampleId :
SSTD02054

Manual Integrations
APPROVED

Sohil
8/21/2018 4:47:02 PM

Quant Time: Aug 21 01:52:31 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 18 04:58:06 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

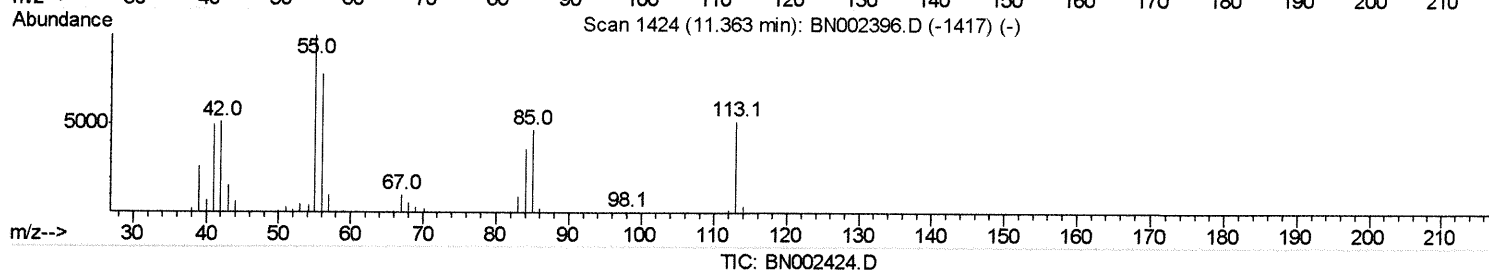
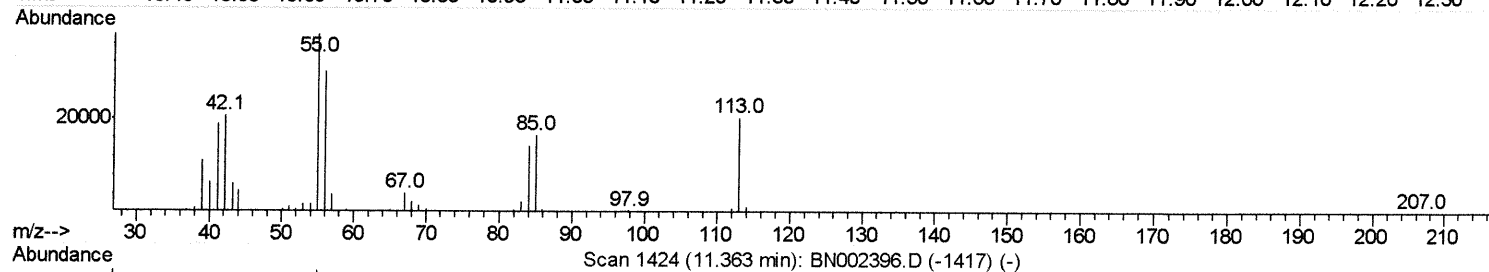
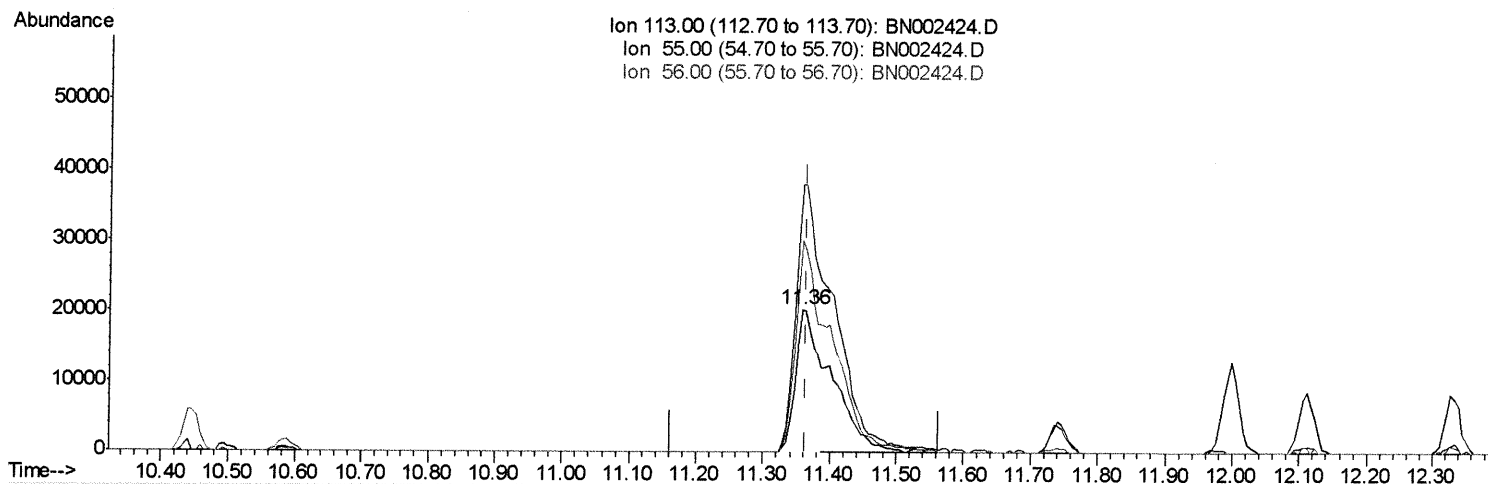
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(32) Caprolactam

11.357min (-0.006) 11.45ng/ul

response 44970

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	187.59#
56.00	101.50	148.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

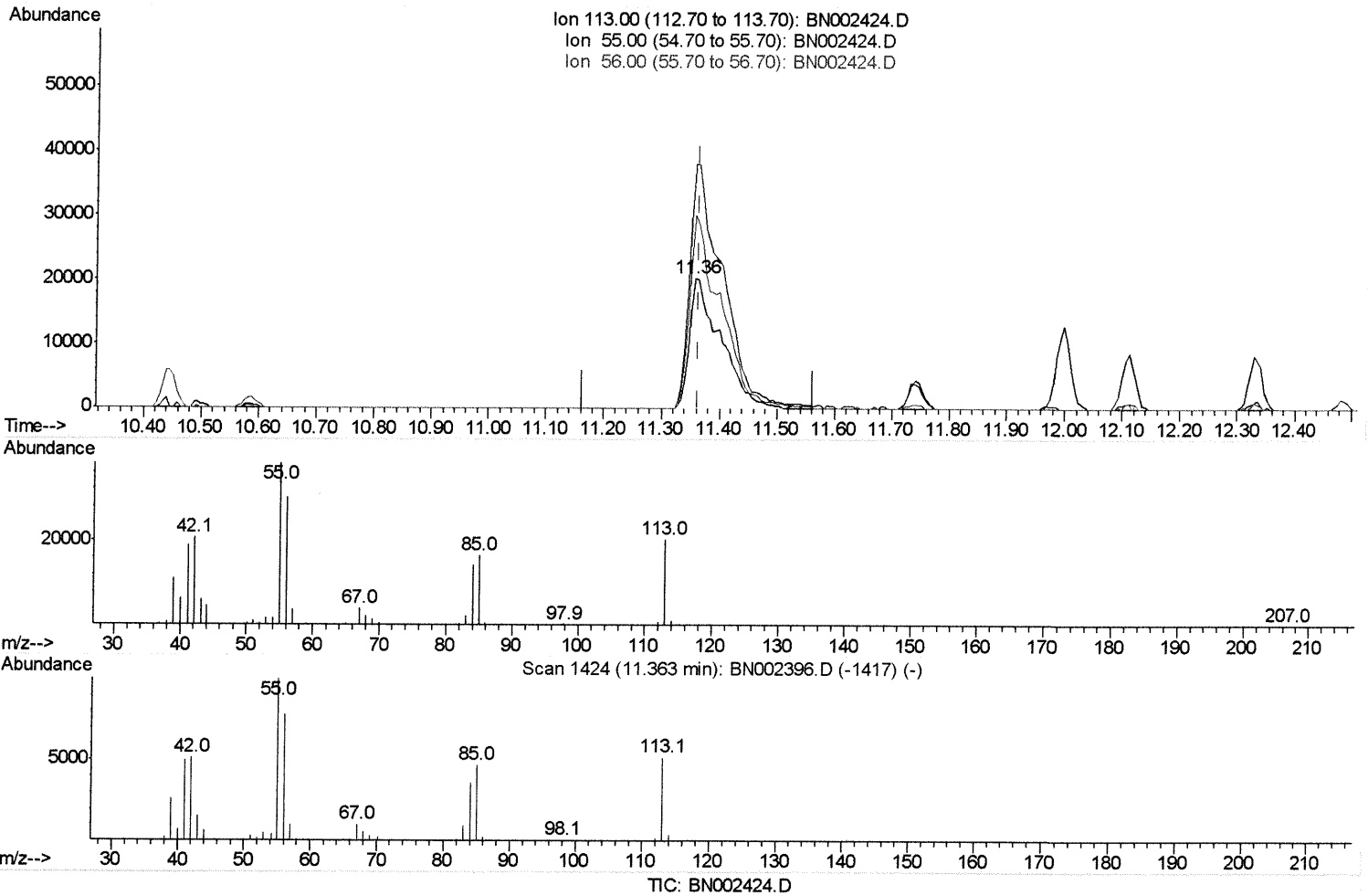
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(32) Caprolactam

11.357min (-0.006) 19.21ng/ul m

SJ 8/22/18

response 75468

Ion	Exp%	Act%
113.00	100	100
55.00	127.40	187.59#
56.00	101.50	148.20#
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	144312	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	702012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	442966	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	1026232	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1162312	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1186309	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	24048	7.87	ng/uL	0.00
5) Phenol-d5	6.85	99	255869	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	168595	20.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	196930	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	207551	19.62	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	109470	19.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	112727	19.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	214264	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	226040	19.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	711773	19.38	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	902054	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	124777	17.98	ng/ul	0.00
57) Fluorene-d10	15.30	176	623407	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	113732	17.41	ng/ul	0.00
70) Anthracene-d10	17.15	188	975885	19.91	ng/ul	0.00
78) Pyrene-d10	19.45	212	1074742	19.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1236297	19.93	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.27	88	26124	7.987	ng/uL	93
4) Benzaldehyde	6.83	77	182747	20.102	ng/ul	93
6) Phenol	6.88	94	263115	19.525	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.10	93	205230	20.034	ng/ul#	84
10) 2-Chlorophenol	7.24	128	201835	19.891	ng/ul#	88
11) 2-Methylphenol	8.12	108	198474	19.516	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	360993	21.277	ng/ul#	84
14) Acetophenone	8.49	105	347028	20.520	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.48	70	182327	20.431	ng/ul#	80
16) 4-Methylphenol	8.44	108	217965	19.700	ng/ul	100
17) Hexachloroethane	8.73	117	84791	19.949	ng/ul	95
20) Nitrobenzene	8.86	77	270107	20.198	ng/ul	93
21) Isophorone	9.38	82	518965	20.131	ng/ul	96
23) 2-Nitrophenol	9.57	139	121771	19.715	ng/ul#	85
24) 2,4-Dimethylphenol	9.63	107	252671	19.948	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.87	93	301440	19.847	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	210267	20.110	ng/ul	98
28) Naphthalene	10.49	128	709614	19.646	ng/ul	99
30) 4-Chloroaniline	10.61	127	233600	19.796	ng/ul	100
31) Hexachlorobutadiene	10.78	225	129541	19.681	ng/ul	98
32) Caprolactam	11.36	113	75468m	19.213	ng/ul	
33) 4-Chloro-3-methylphenol	11.74	107	240567	19.994	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	533744	20.022	ng/ul	99

SJ 8/22/18

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36) 1,2,4,5-Tetrachlorobenzene	12.49	216	263027	19.603	ng/ul	98
37) Hexachlorocyclopentadiene	12.46	237	138174	16.953	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	165102	19.110	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	172576	18.667	ng/ul	96
40) 1,1'-Biphenyl	13.13	154	695171	19.604	ng/ul	99
41) 2-Chloronaphthalene	13.17	162	545068	19.718	ng/ul	96
42) 2-Nitroaniline	13.39	65	175625	19.948	ng/ul#	82
44) Dimethylphthalate	13.76	163	704571	19.564	ng/ul	100
45) 2,6-Dinitrotoluene	13.89	165	141771	19.484	ng/ul	88
47) Acenaphthylene	14.02	152	849228	19.801	ng/ul	100
48) 3-Nitroaniline	14.22	138	131146	18.943	ng/ul	91
49) Acenaphthene	14.37	153	596110	19.703	ng/ul	98
50) 2,4-Dinitrophenol	14.43	184	64642	14.849	ng/ul#	1
52) 4-Nitrophenol	14.53	109	97834	18.596	ng/ul#	87
53) Dibenzofuran	14.70	168	848346	19.876	ng/ul	99
54) 2,4-Dinitrotoluene	14.68	165	217801	19.853	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.94	232	159754	19.790	ng/ul	98
56) Diethylphthalate	15.14	149	722354	19.659	ng/ul	100
58) Fluorene	15.36	166	694535	19.889	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	340344	19.747	ng/ul	94
60) 4-Nitroaniline	15.39	138	167969	18.774	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.45	198	121278	17.993	ng/ul	92
64) N-Nitrosodiphenylamine	15.57	169	596809	19.902	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	207182	19.789	ng/ul	93
66) Hexachlorobenzene	16.36	284	234037	20.031	ng/ul	96
67) Atrazine	16.53	200	211225	19.267	ng/ul	98
68) Pentachlorophenol	16.71	266	113370	17.334	ng/ul	99
69) Phenanthrene	17.10	178	1123589	19.861	ng/ul	100
71) Anthracene	17.19	178	1154922	20.128	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	283856	19.781	ng/uL	99
73) Pentachlorobenzene	14.63	250	271184	19.828	ng/uL	98
74) Carbazole	17.46	167	1032461	20.291	ng/ul	99
75) Di-n-butylphthalate	18.03	149	1222370	19.761	ng/ul	99
76) Fluoranthene	19.12	202	1312648	20.386	ng/ul	98
79) Pvrene	19.48	202	1373250	19.594	ng/ul	99
80) Butylbenzylphthalate	20.39	149	563734	18.984	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.17	252	394561	17.034	ng/ul	99
82) Benzo(a)anthracene	21.23	228	1387505	19.485	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	849918	19.082	ng/ul	99
84) Chrysene	21.29	228	1294846	19.213	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	1493503	19.810	ng/ul#	92
87) Benzo(b)fluoranthene	22.81	252	1451667	20.414	ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1317583	19.668	ng/ul	99
90) Benzo(a)pyrene	23.37	252	1345861	19.868	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.69	276	1452060	18.019	ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1220322	18.113	ng/ul	98
93) Benzo(g,h,i)perylene	26.37	276	1159902	17.250	ng/ul	98

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