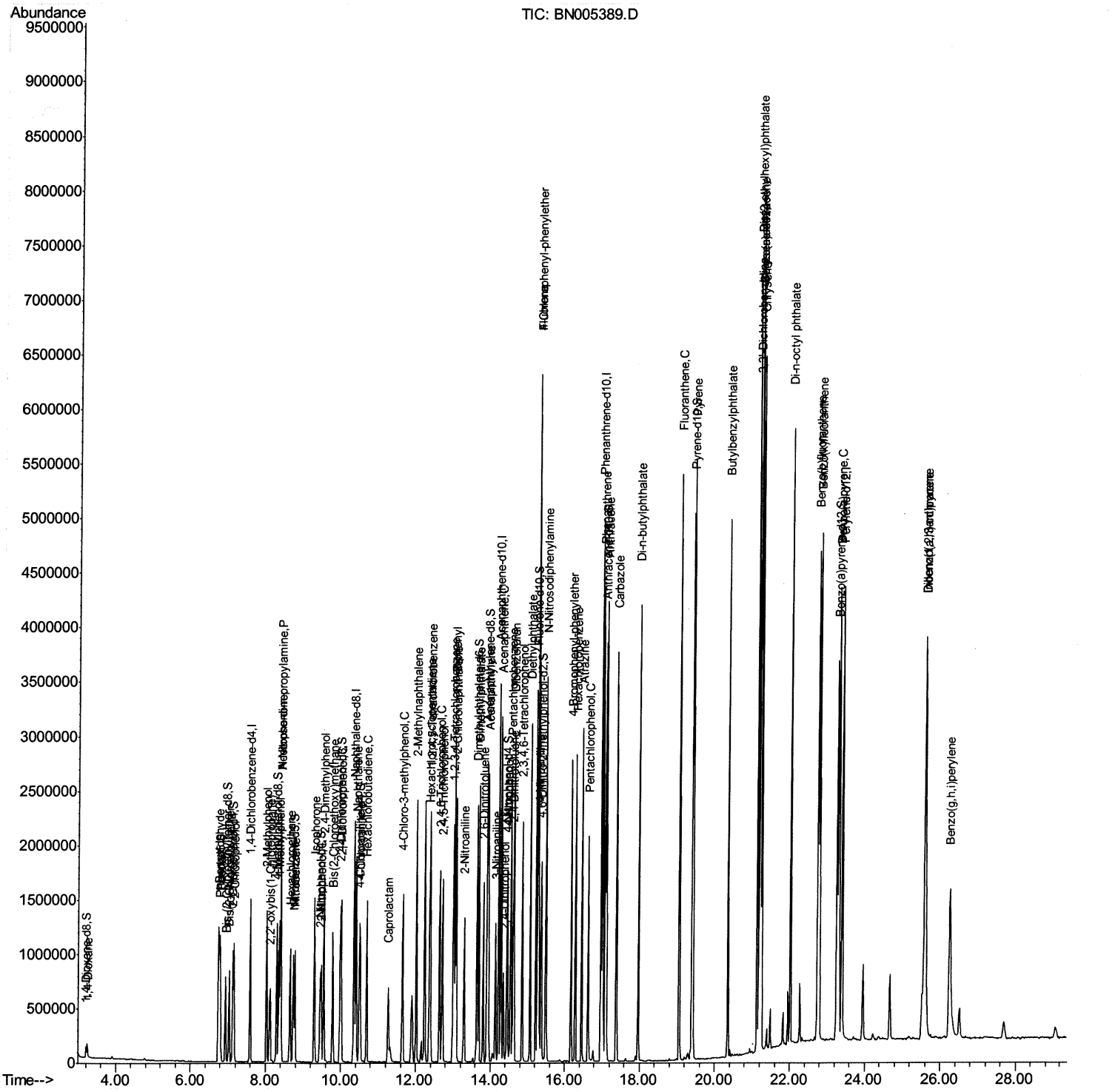
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043019\
Data File : BN005389.D
Acq On : 01 May 2019 01:26
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 07:35:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
LabSampleId :
SSTD02087

Manual Integrations APPROVED
Sohil
5/1/2019 12:05:58 PM



Quantitation Report (Qedit)

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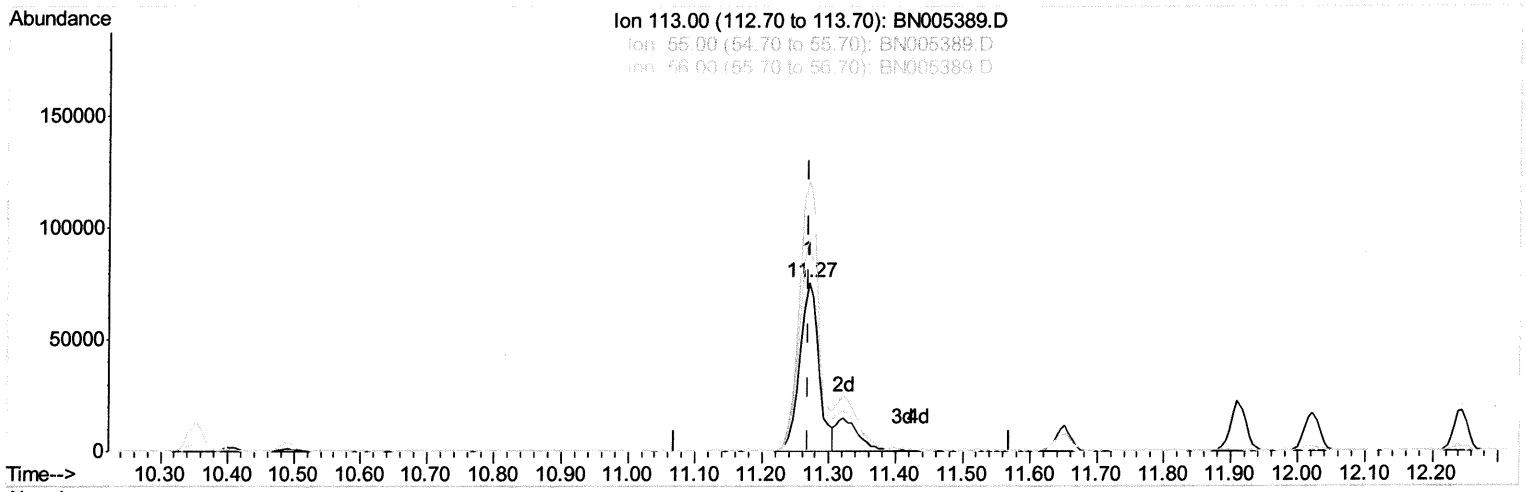

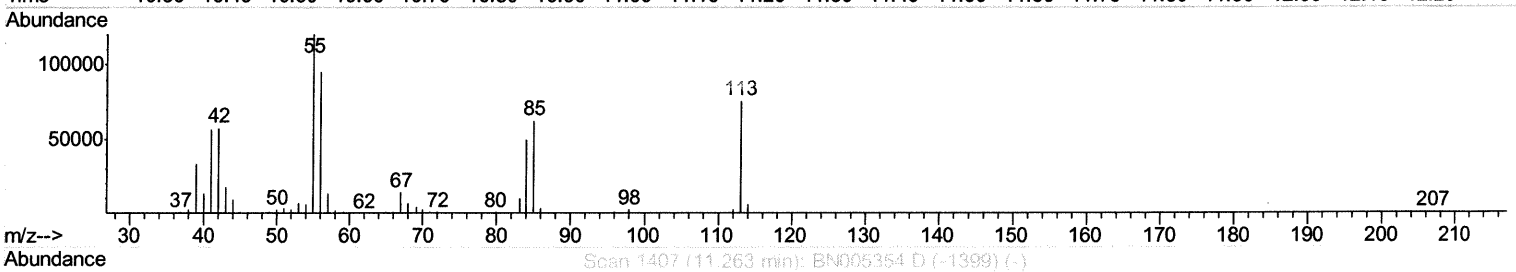

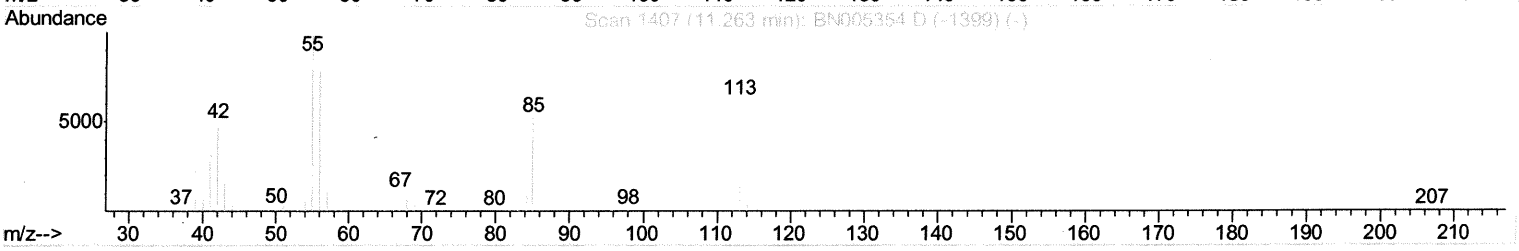

TIC: BN005389.D

(32) Caprolactam

11.269min (+0.000) 19.46ng/ul

response 149405

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	159.96
56.00	148.90	126.66
0.00	0.00	0.00

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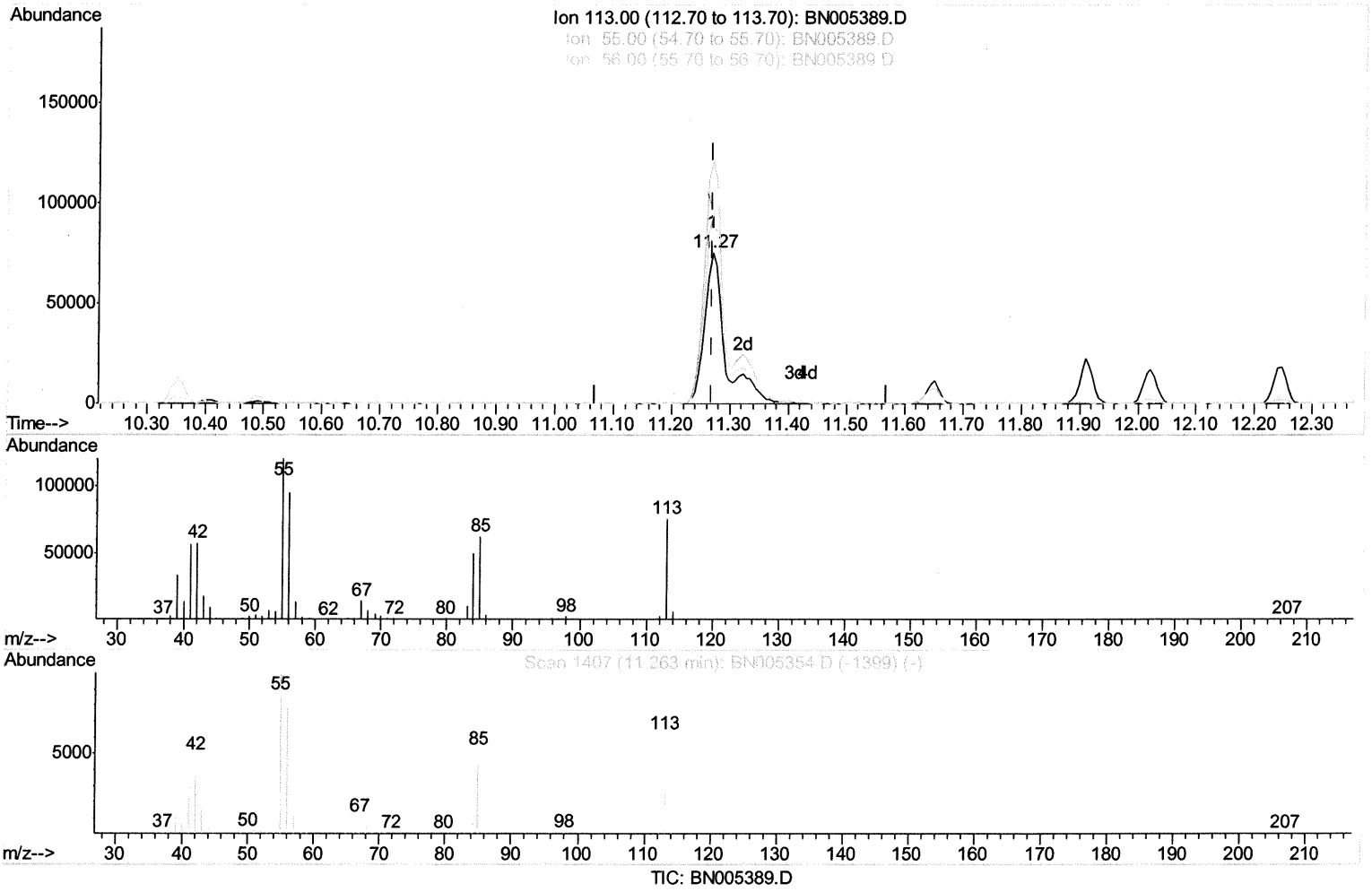

(32) Caprolactam

11.269min (+0.000) 23.95ng/ul m SJ 05/03/19

response 183895

Ion	Exp%	Act%
113.00	100	100
55.00	196.20	159.96
56.00	148.90	126.66
0.00	0.00	0.00

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Sohil
5/1/2019 12:05:58 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	399230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1797919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1197974	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2941492	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	2964135	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2996358	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	54957	6.65	ng/uL	0.00
5) Phenol-d5	6.78	99	582360	18.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	321996	16.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	463009	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	478005	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	235470	21.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	266182	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	513500	19.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	546230	20.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	1608514	18.50	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1973407	18.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	302118	22.00	ng/ul	0.00
57) Fluorene-d10	15.22	176	1386340	19.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	296606	22.42	ng/ul	0.00
70) Anthracene-d10	17.07	188	2281409	18.50	ng/ul	-0.01
78) Pyrene-d10	19.39	212	2642142	17.42	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	2451864	18.72	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	58612	6.591	ng/uL	96
4) Benzaldehyde	6.75	77	393077	17.690	ng/ul	99
6) Phenol	6.80	94	595357	18.459	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	451957	17.501	ng/ul	94
10) 2-Chlorophenol	7.16	128	470280	18.957	ng/ul	95
11) 2-Methylphenol	8.03	108	458748	18.982	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.12	45	643321	14.836	ng/ul	98
14) Acetophenone	8.40	105	752978	19.195	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.39	70	376638	17.949	ng/ul	89
16) 4-Methylphenol	8.36	108	507343	19.438	ng/ul	95
17) Hexachloroethane	8.65	117	193091	17.924	ng/ul	92
20) Nitrobenzene	8.78	77	536695	17.623	ng/ul	94
21) Isophorone	9.30	82	1086865	18.025	ng/ul	96
23) 2-Nitrophenol	9.48	139	278798	21.931	ng/ul	97
24) 2,4-Dimethylphenol	9.55	107	576338	18.106	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	651161	17.184	ng/ul	98
27) 2,4-Dichlorophenol	10.00	162	499032	19.663	ng/ul	99
28) Naphthalene	10.40	128	1524215	18.236	ng/ul	99
30) 4-Chloroaniline	10.52	127	553052	20.474	ng/ul	98
31) Hexachlorobutadiene	10.69	225	334296	18.653	ng/ul	98
32) Caprolactam	11.27	113	183895m>	23.949	ng/ul	98
33) 4-Chloro-3-methylphenol	11.65	107	563321	19.712	ng/ul	94
34) 2-Methylnaphthalene	12.02	142	1158791	18.935	ng/ul	98

SJ 05/03/19

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	668077	18.020 ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	426306	16.865 ng/ul	98
38) 2,4,6-Trichlorophenol	12.65	196	442621	19.799 ng/ul	97
39) 2,4,5-Trichlorophenol	12.72	196	471802	19.640 ng/ul	96
40) 1,1'-Biphenyl	13.05	154	1548741	17.351 ng/ul	98
41) 2-Chloronaphthalene	13.09	162	1202105	17.511 ng/ul	96
42) 2-Nitroaniline	13.30	65	369577	20.297 ng/ul	91
44) Dimethylphthalate	13.69	163	1576829	18.197 ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	340306	22.745 ng/ul	88
47) Acenaphthylene	13.95	152	1909885	18.195 ng/ul	99
48) 3-Nitroaniline	14.13	138	312404	22.460 ng/ul#	92
49) Acenaphthene	14.29	153	1286897	17.959 ng/ul	99
50) 2,4-Dinitrophenol	14.35	184	181468	24.899 ng/ul#	88
52) 4-Nitrophenol	14.45	109	237915	19.088 ng/ul	90
53) Dibenzofuran	14.63	168	1895474	18.372 ng/ul	98
54) 2,4-Dinitrotoluene	14.60	165	500054	23.184 ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.86	232	447350	22.385 ng/ul#	94
56) Diethylphthalate	15.07	149	1631013	18.772 ng/ul	99
58) Fluorene	15.28	166	1527331	18.971 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.28	204	811660	19.005 ng/ul	96
60) 4-Nitroaniline	15.30	138	391830	22.596 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.37	198	306838	21.792 ng/ul	94
64) N-Nitrosodiphenylamine	15.50	169	1385710	17.212 ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	536881	18.117 ng/ul	98
66) Hexachlorobenzene	16.29	284	595706	18.878 ng/ul	92
67) Atrazine	16.46	200	567563	18.937 ng/ul	99
68) Pentachlorophenol	16.63	266	388058	21.003 ng/ul	95
69) Phenanthrene	17.02	178	2581272	18.019 ng/ul	100
71) Anthracene	17.12	178	2663780	18.253 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	702643	16.354 ng/uL	98
73) Pentachlorobenzene	14.55	250	664889	17.194 ng/uL	100
74) Carbazole	17.39	167	2400378	19.148 ng/ul	98
75) Di-n-butylphthalate	17.97	149	2961356	18.827 ng/ul	99
76) Fluoranthene	19.05	202	3252263	20.468 ng/ul	98
79) Pyrene	19.42	202	3324772	17.421 ng/ul	97
80) Butylbenzylphthalate	20.35	149	1444519	19.117 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.13	252	1096973	18.523 ng/ul#	99
82) Benzo(a)anthracene	21.19	228	3397631	18.425 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.14	149	2130927	18.315 ng/ul	98
84) Chrysene	21.24	228	3157258	18.448 ng/ul	98
86) Di-n-octyl phthalate	22.02	149	3719209	20.266 ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	3131792	18.594 ng/ul	98
88) Benzo(k)fluoranthene	22.79	252	3142017	19.532 ng/ul	99
90) Benzo(a)pyrene	23.31	252	2907523	18.365 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.59	276	2871828	16.407 ng/ul	98
92) Dibenzo(a,h)anthracene	25.60	278	2476284	16.670 ng/ul	97
93) Benzo(g,h,i)perylene	26.25	276	2171831	15.006 ng/ul	96

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