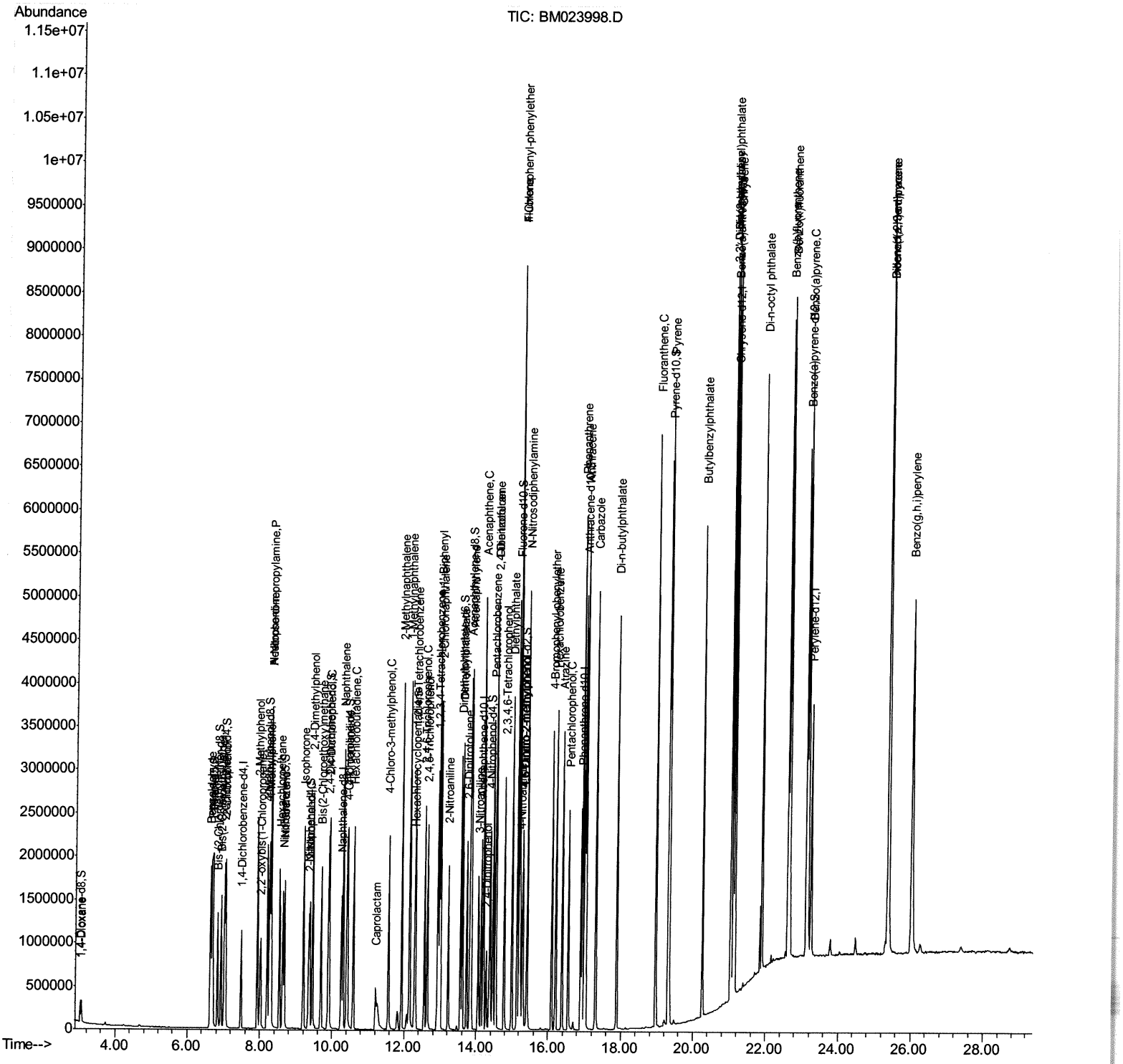
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120419\
Data File : BM023998.D
Acq On : 04 Dec 2019 13:01
Operator : JU
Sample : PB123048BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 04 15:09:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 04 13:35:21 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SLCS048

Manual Integrations APPROVED
mohammad
12/5/2019 10:49:00 AM



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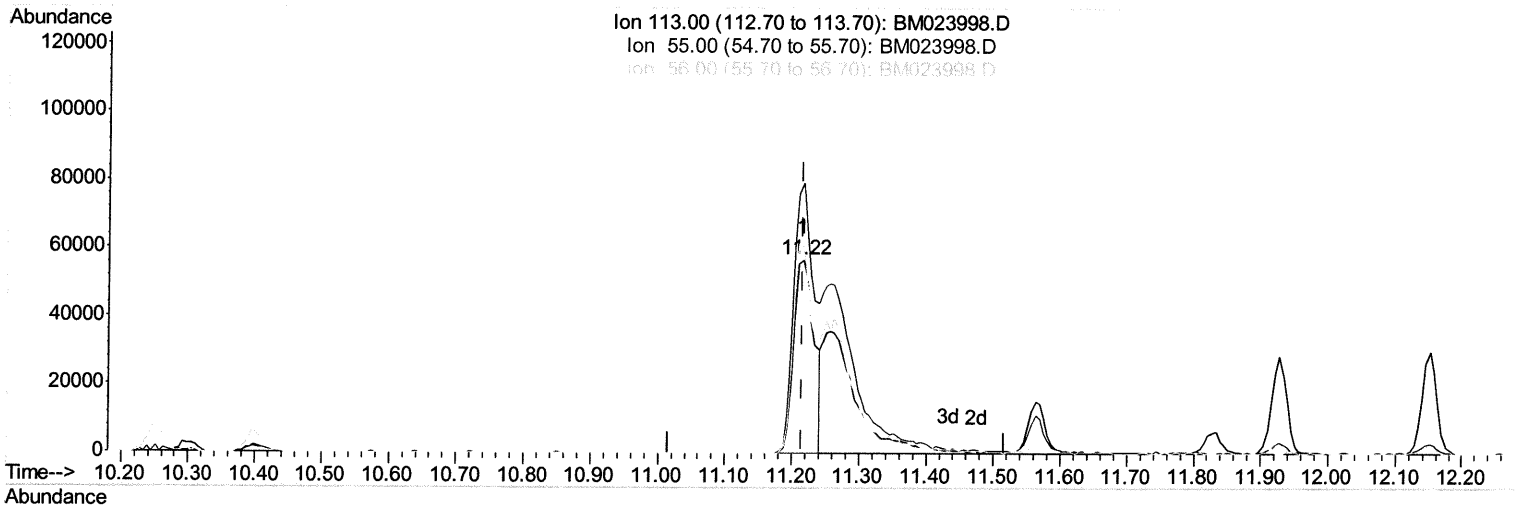

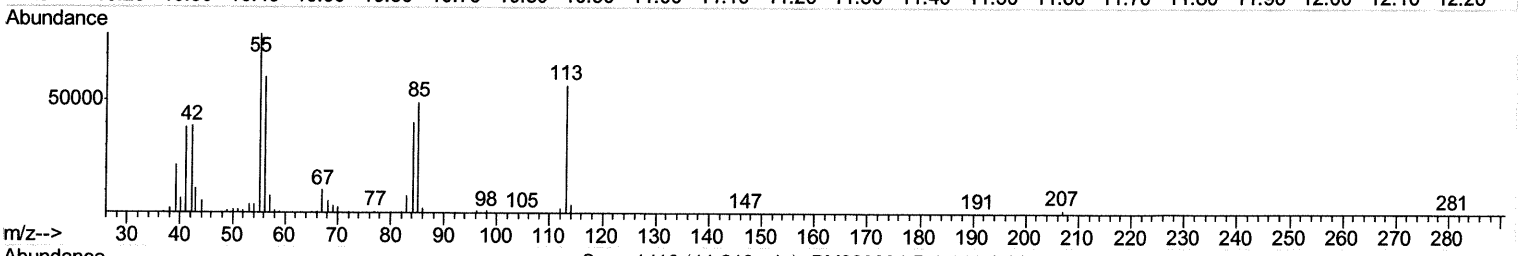

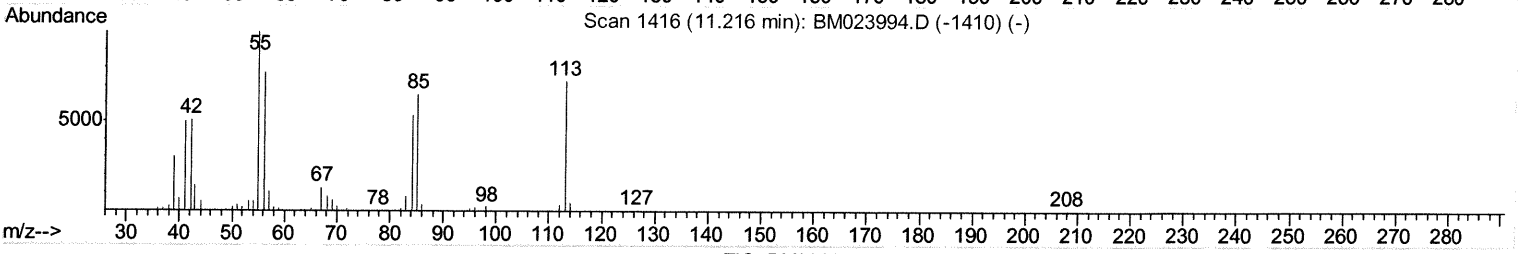

TIC: BM023998.D

(32) Caprolactam

11.216min (-0.000) 19.34ng/ul

response 117229

Ion	Exp%	Act%
113.00	100	100
55.00	137.60	140.00
56.00	106.90	106.74
0.00	0.00	0.00

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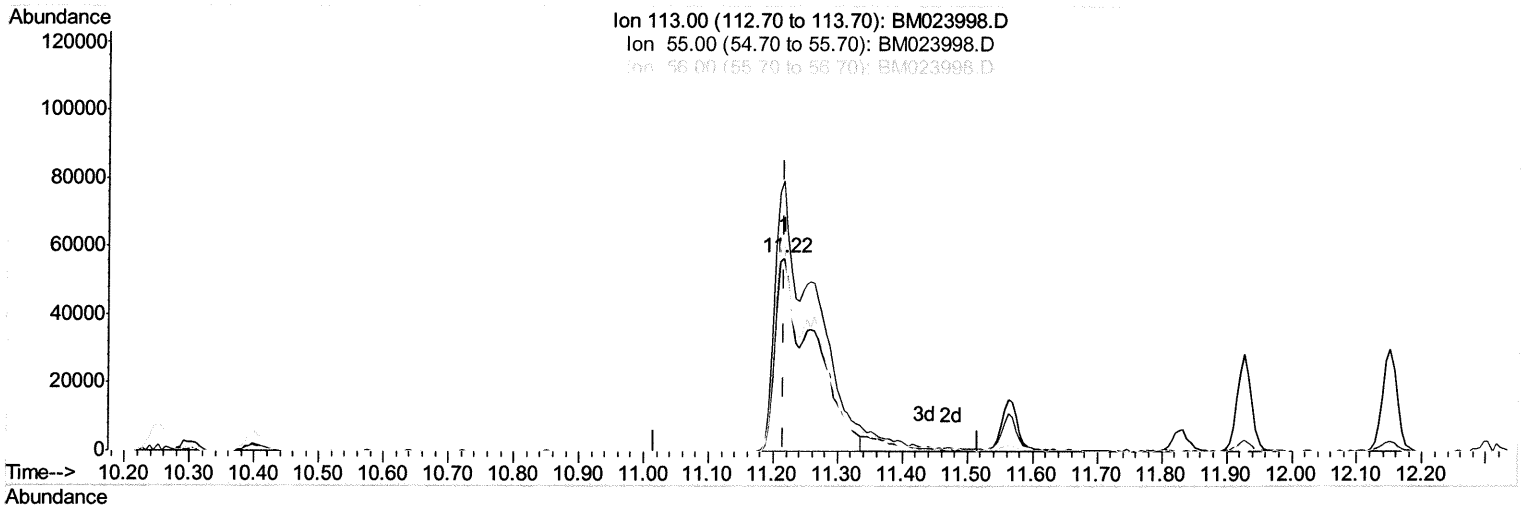

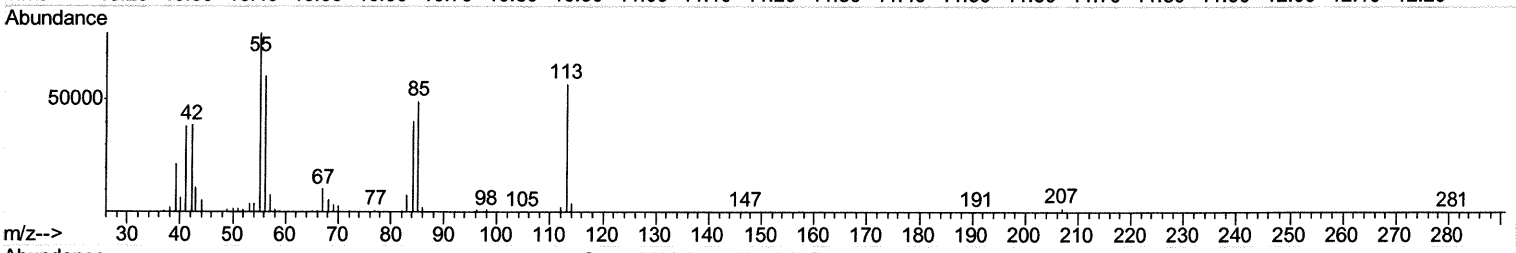

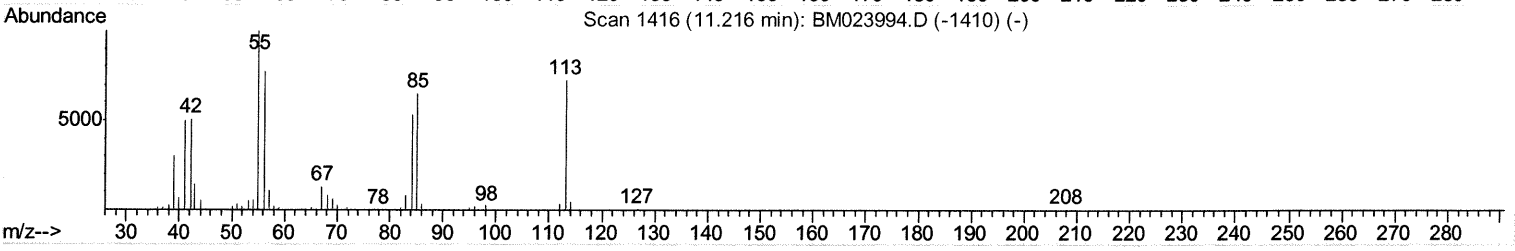

TIC: BM023998.D

(32) Caprolactam

11.216min (-0.000) 38.10ng/ul m JU 12/10/19

response 230964

Ion	Exp%	Act%
113.00	100	100
55.00	137.60	140.00
56.00	106.90	106.74
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	7.48	152	314861	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	1250457	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.14	164	724777	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	1415339	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1582481	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	1966295	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	121918	17.23	ng/uL	0.00
5) Phenol-d5	6.67	99	1084845	39.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.83	67	614396	38.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	838738	39.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	818055	37.57	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	393600	40.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	443561	40.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	815752	39.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	1027813	44.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.56	166	2143151	38.06	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	2662419	40.34	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	399937	42.24	ng/ul	0.00
58) Fluorene-d10	15.14	176	1871223	39.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	355936	40.06	ng/ul	0.00
71) Anthracene-d10	16.99	188	2796609	41.37	ng/ul	0.00
79) Pyrene-d10	19.30	212	3036221	37.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	4159840	40.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	133043	17.530	ng/uL	96
4) Benzaldehyde	6.63	77	698037	48.030	ng/ul	96
6) Phenol	6.70	94	1136823	40.047	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	860055	38.965	ng/ul	99
10) 2-Chlorophenol	7.05	128	883055	40.461	ng/ul	98
11) 2-Methylphenol	7.93	108	820279	38.736	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.02	45	915111	38.183	ng/ul	99
14) Acetophenone	8.30	105	1287612	38.683	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	678197	38.106	ng/ul	98
16) 4-Methylphenol	8.26	108	894279	38.805	ng/ul	99
17) Hexachloroethane	8.54	117	346710	38.513	ng/ul	98
20) Nitrobenzene	8.67	77	998229	42.338	ng/ul	98
21) Isophorone	9.20	82	1757754	39.271	ng/ul	99
23) 2-Nitrophenol	9.38	139	484891	41.548	ng/ul	100
24) 2,4-Dimethylphenol	9.45	107	956055	40.597	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.69	93	1102251	39.252	ng/ul	99
27) 2,4-Dichlorophenol	9.91	162	809592	40.331	ng/ul	96
28) Naphthalene	10.30	128	2669085	40.488	ng/ul	100
30) 4-Chloroaniline	10.42	127	1064103	45.108	ng/ul	97
31) Hexachlorobutadiene	10.59	225	489460	38.615	ng/ul	99
32) Caprolactam	11.22	113	230964m >	38.103	ng/ul >	34 12/10/19
33) 4-Chloro-3-methylphenol	11.56	107	854362	40.213	ng/ul	100
34) 2-Methylnaphthalene	11.93	142	1889204	39.467	ng/ul	99

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.15	142	1824788	38.829	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.31	216	917532	40.587	ng/ul	99
38) Hexachlorocyclopentadiene	12.29	237	327045	31.046	ng/ul	100
39) 2,4,6-Trichlorophenol	12.56	196	602338	40.901	ng/ul	98
40) 2,4,5-Trichlorophenol	12.63	196	644247	41.151	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	2403761	41.048	ng/ul	98
42) 2-Chloronaphthalene	13.00	162	1862710	41.571	ng/ul	99
43) 2-Nitroaniline	13.22	65	523855	44.979	ng/ul	96
45) Dimethylphthalate	13.61	163	2185513	39.645	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	462693	42.899	ng/ul	96
48) Acenaphthylene	13.86	152	2799022	41.938	ng/ul	99
49) 3-Nitroaniline	14.06	138	463013	45.905	ng/ul	97
50) Acenaphthene	14.20	153	1961208	41.362	ng/ul	100
51) 2,4-Dinitrophenol	14.28	184	221304	38.491	ng/ul	98
53) 4-Nitrophenol	14.39	109	304887	43.702	ng/ul	98
54) Dibenzofuran	14.54	168	2742383	40.879	ng/ul	100
55) 2,4-Dinitrotoluene	14.53	165	673977	42.962	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.78	232	563276	40.843	ng/ul	99
57) Diethylphthalate	14.99	149	2126432	38.549	ng/ul	100
59) Fluorene	15.20	166	2207247	40.797	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	1059357	38.865	ng/ul	99
61) 4-Nitroaniline	15.23	138	480389	42.220	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.30	198	391401	41.020	ng/ul#	93
65) N-Nitrosodiphenylamine	15.42	169	1908175	42.573	ng/ul	100
66) 4-Bromophenyl-phenylether	16.10	248	694857	40.270	ng/ul	96
67) Hexachlorobenzene	16.21	284	816605	40.831	ng/ul	98
68) Atrazine	16.39	200	623966	39.711	ng/ul	98
69) Pentachlorophenol	16.56	266	457875	40.402	ng/ul	98
70) Phenanthrene	16.94	178	3412051	42.675	ng/ul	99
72) Anthracene	17.03	178	3494031	43.042	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	892520	41.928	ng/uL	100
74) Pentachlorobenzene	14.47	250	929421	40.603	ng/uL	99
75) Carbazole	17.30	167	3147841	44.783	ng/ul	99
76) Di-n-butylphthalate	17.89	149	3366918	38.521	ng/ul	100
77) Fluoranthene	18.97	202	3925841	45.785	ng/ul	98
80) Pyrene	19.33	202	4085996	38.322	ng/ul	98
81) Butylbenzylphthalate	20.26	149	1622122	35.810	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.03	252	1603669	40.080	ng/ul	100
83) Benzo(a)anthracene	21.09	228	4291427	40.572	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	2284388	33.930	ng/ul	98
85) Chrysene	21.14	228	4050797	40.781	ng/ul	98
87) Di-n-octyl phthalate	21.90	149	4021065	34.973	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	4910120	40.379	ng/ul	99
89) Benzo(k)fluoranthene	22.66	252	4814467	41.708	ng/ul	99
91) Benzo(a)pyrene	23.16	252	4763192	41.428	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.39	276	6035798	42.277	ng/ul	99
93) Dibenzo(a,h)anthracene	25.39	278	5053632	42.143	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	5008249	41.887	ng/ul	99

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