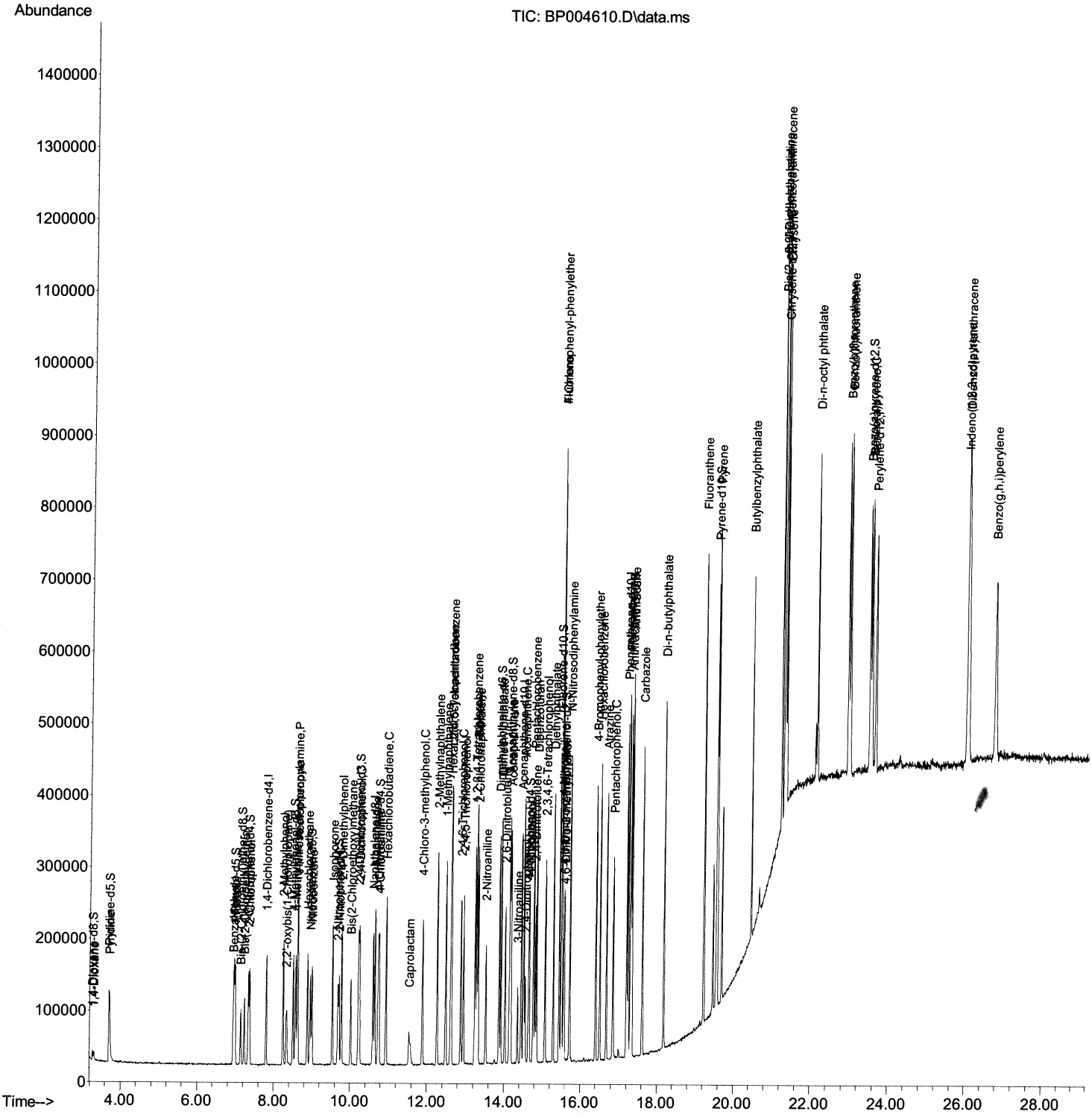
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012221\
Data File : BP004610.D
Acq On : 22 Jan 2021 12:52
Operator : CG/JU
Sample : SSTD02005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 22 16:13:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 22 15:25:24 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD020005

Manual Integrations APPROVED
mohammad
1/25/2021 11:29:36 AM



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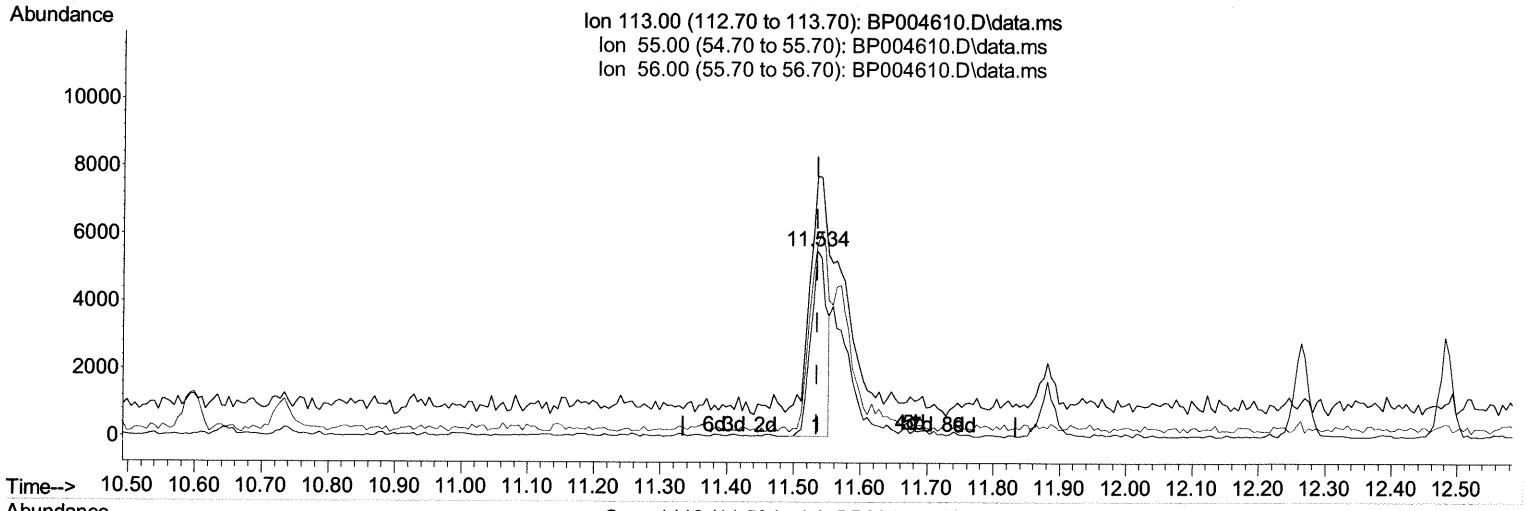

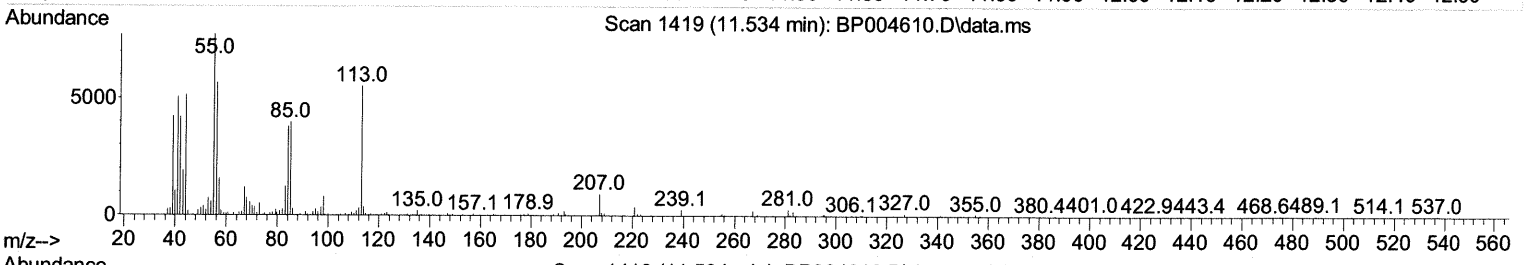

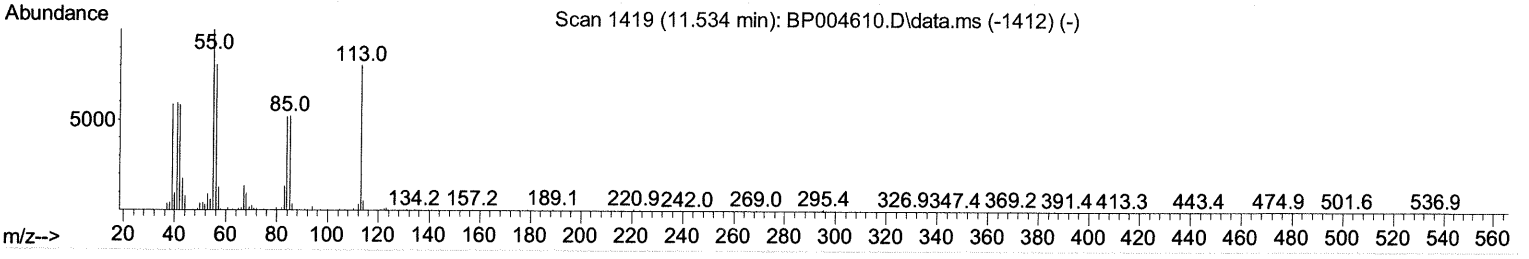

TIC: BP004610.D\data.ms

(34) Caprolactam

11.534min (0.000) 11.87 ng/ul

response 9224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	140.07
56.00	102.40	102.43
0.00	0.00	0.00

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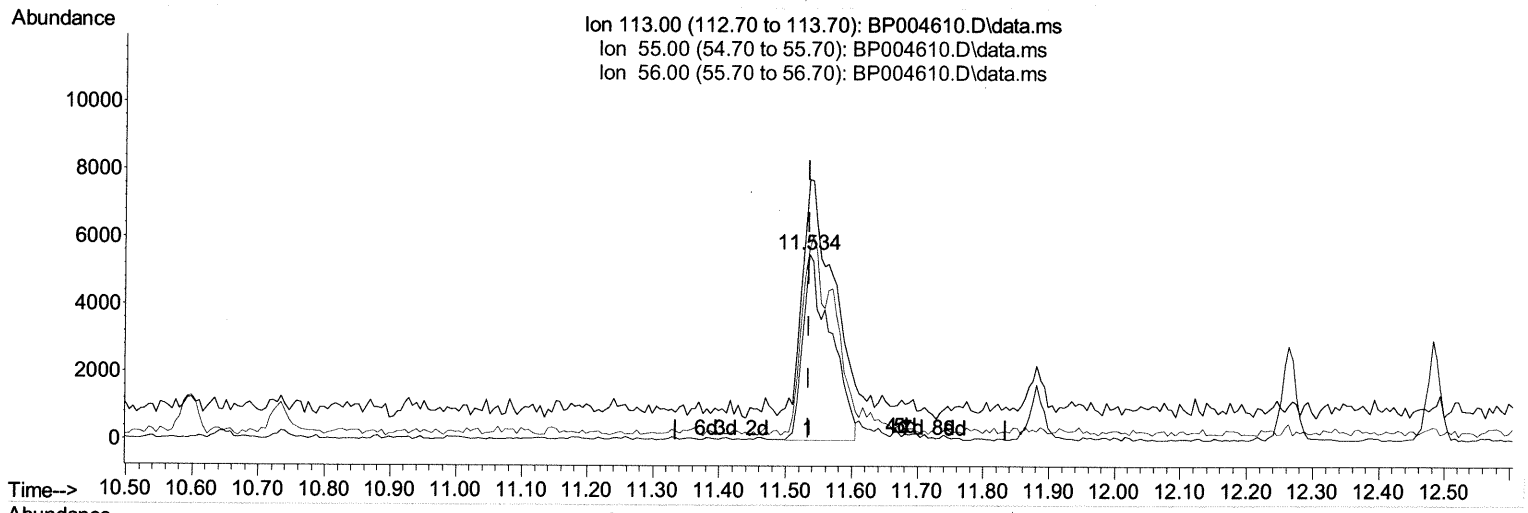

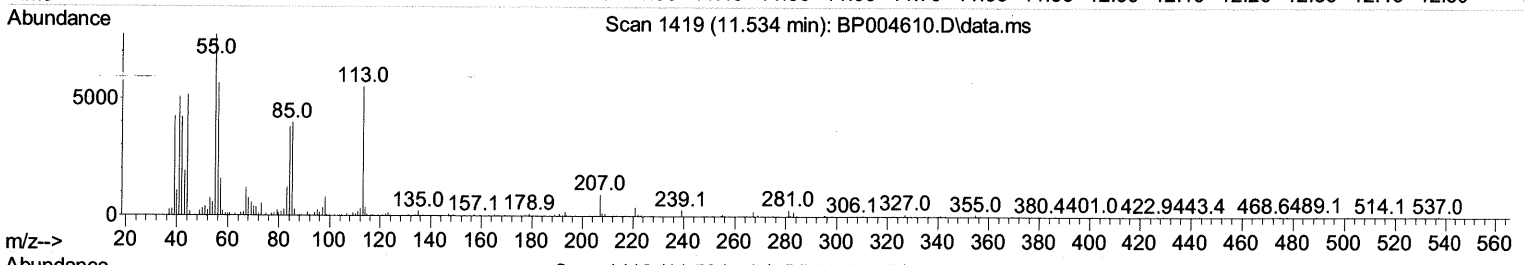

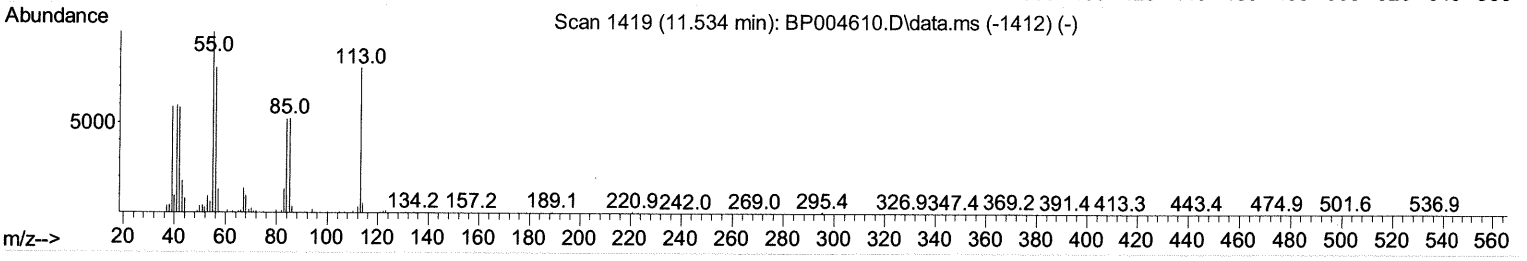

TIC: BP004610.D\data.ms

(34) Caprolactam

11.534min (0.000) 20.89 ng/ul m 02/08/21 JU

response 16224

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	140.07
56.00	102.40	102.43
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	36436	20.00	ng/ul	0.00
20) Naphthalene-d8	10.599	136	136041	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	108872	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	259341	20.00	ng/ul	0.00
79) Chrysene-d12	21.292	240	258033	20.00	ng/ul	0.00
88) Perylene-d12	23.622	264	248200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	5842	7.76	ng/uL	0.00
4) Pyridine-d5	3.699	84	38946	19.16	ng/ul	0.00
7) Phenol-d5	6.964	99	59021	20.76	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.134	67	33034	21.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	44297	20.37	ng/ul	0.00
15) 4-Methylphenol-d8	8.505	113	47218	20.19	ng/ul	0.00
21) Nitrobenzene-d5	8.958	128	22194	20.64	ng/ul	0.00
24) 2-Nitrophenol-d4	9.675	143	29040	20.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	62497	20.88	ng/ul	0.00
31) 4-Chloroaniline-d4	10.734	131	66356	20.77	ng/ul	0.00
46) Dimethylphthalate-d6	13.863	166	193605	20.91	ng/ul	0.00
49) Acenaphthylene-d8	14.140	160	219412	20.76	ng/ul	0.00
54) 4-Nitrophenol-d4	14.640	143	29891	21.13	ng/ul	0.00
60) Fluorene-d10	15.445	176	170381	20.82	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	37582	19.99	ng/ul	0.00
73) Anthracene-d10	17.304	188	269468	20.67	ng/ul	0.00
81) Pyrene-d10	19.539	212	309400	21.15	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.469	264	292275	21.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	6499	8.27	ng/uL	100
5) Pyridine	3.717	79	41245	20.10	ng/ul	100
6) Benzaldehyde	6.940	77	28943	21.46	ng/ul	100
8) Phenol	6.993	94	58862	20.37	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.228	93	46093	21.02	ng/ul	100
12) 2-Chlorophenol	7.364	128	44196	20.45	ng/ul	100
13) 2-Methylphenol	8.240	108	45602	20.04	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.328	45	46216	20.88	ng/ul	100
16) Acetophenone	8.622	105	77320	20.09	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.611	70	42562	20.83	ng/ul	100
18) 4-Methylphenol	8.569	108	50955	20.77	ng/ul	100
19) Hexachloroethane	8.881	117	22916	20.64	ng/ul	100
22) Nitrobenzene	8.999	77	67707	20.94	ng/ul	100
23) Isophorone	9.534	82	123207	20.91	ng/ul	100
25) 2-Nitrophenol	9.710	139	28959	20.99	ng/ul	100
26) 2,4-Dimethylphenol	9.775	107	63254	20.62	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.016	93	63302	21.05	ng/ul	100
29) 2,4-Dichlorophenol	10.240	162	57745	20.43	ng/ul	100
30) Naphthalene	10.646	128	154228	20.55	ng/ul	100
32) 4-Chloroaniline	10.757	127	66588	21.31	ng/ul	100
33) Hexachlorobutadiene	10.940	225	51304	20.61	ng/ul	100
34) Caprolactam	11.534	113	16224m >	20.89	ng/ul >	02/08/21 JU
35) 4-Chloro-3-methylphenol	11.881	107	56909	20.48	ng/ul	100

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1/25/2021 11:29:36 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.263	142	123349	20.58	ng/ul	100
37) 1-Methylnaphthalene	12.481	142	118730	20.67	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.628	216	89548	20.56	ng/ul	100
40) Hexachlorocyclopentadiene	12.616	237	67219	20.10	ng/ul	100
41) 2,4,6-Trichlorophenol	12.869	196	55540	20.64	ng/ul	100
42) 2,4,5-Trichlorophenol	12.940	196	59574	21.14	ng/ul	100
43) 1,1'-Biphenyl	13.281	154	178121	20.98	ng/ul	100
44) 2-Chloronaphthalene	13.316	162	146829	20.87	ng/ul	100
45) 2-Nitroaniline	13.522	65	39892	20.65	ng/ul	100
47) Dimethylphthalate	13.910	163	193523	20.89	ng/ul	100
48) 2,6-Dinitrotoluene	14.022	165	38382	20.35	ng/ul	100
50) Acenaphthylene	14.169	152	207246	20.70	ng/ul	100
51) 3-Nitroaniline	14.351	138	20305	16.27	ng/ul	100
52) Acenaphthene	14.516	153	149533	20.89	ng/ul	100
53) 2,4-Dinitrophenol	14.551	184	24409	19.09	ng/ul	100
55) 4-Nitrophenol	14.657	109	36777	20.87	ng/ul	100
56) Dibenzofuran	14.851	168	228193	21.07	ng/ul	100
57) 2,4-Dinitrotoluene	14.810	165	55069	20.80	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	58988	20.97	ng/ul	100
59) Diethylphthalate	15.287	149	188766	20.95	ng/ul	100
61) Fluorene	15.504	166	187012	20.52	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.504	204	110406	20.55	ng/ul	100
63) 4-Nitroaniline	15.516	138	20234	16.49	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.575	198	40150	20.35	ng/ul	100
67) N-Nitrosodiphenylamine	15.710	169	162819	20.91	ng/ul	100
68) 4-Bromophenyl-phenylether	16.398	248	75568	20.84	ng/ul	100
69) Hexachlorobenzene	16.504	284	84671	20.85	ng/ul	100
70) Atrazine	16.675	200	74114	20.66	ng/ul	100
71) Pentachlorophenol	16.851	266	51503	19.74	ng/ul	100
72) Phenanthrene	17.245	178	311203	20.75	ng/ul	100
74) Anthracene	17.339	178	317289	20.67	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.240	216	89714	21.04	ng/uL	100
76) Pentachlorobenzene	14.763	250	95755	20.50	ng/uL	100
77) Carbazole	17.610	167	261512	20.59	ng/ul	100
78) Di-n-butylphthalate	18.175	149	315661	20.83	ng/ul	100
80) Fluoranthene	19.216	202	388622	20.84	ng/ul	100
82) Pyrene	19.569	202	396057	21.06	ng/ul	100
83) Butylbenzylphthalate	20.451	149	126414	20.45	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.210	252	123825	19.19	ng/ul	100
85) Benzo(a)anthracene	21.275	228	357145	20.29	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.216	149	181258	20.41	ng/ul	100
87) Chrysene	21.328	228	347911	20.78	ng/ul	100
89) Di-n-octyl phthalate	22.127	149	291018	20.83	ng/ul	100
90) Benzo(b)fluoranthene	22.916	252	360198	21.59	ng/ul	100
91) Benzo(k)fluoranthene	22.963	252	344466	21.01	ng/ul	100
93) Benzo(a)pyrene	23.516	252	320467	21.16	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.015	276	416349	21.17	ng/ul	100
95) Dibenzo(a,h)anthracene	26.039	278	354246	21.13	ng/ul	100
96) Benzo(g,h,i)perylene	26.757	276	345117	21.21	ng/ul	100

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