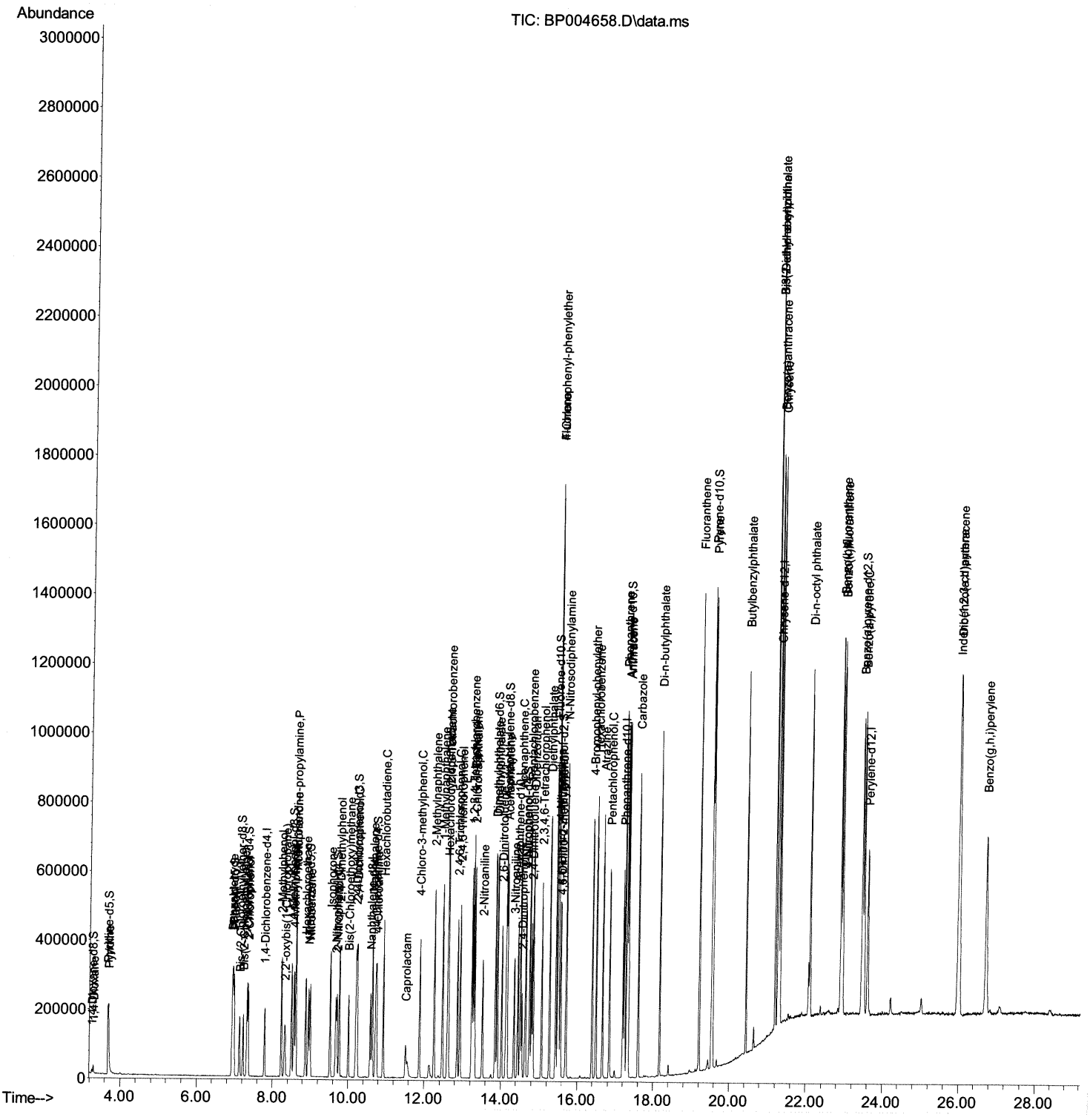
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012821\
Data File : BP004658.D
Acq On : 28 Jan 2021 13:46
Operator : CG/JU
Sample : PB134337BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 28 14:28:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 28 13:35:28 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS337

Manual Integrations APPROVED
mohammad
1/29/2021 10:34:48 AM



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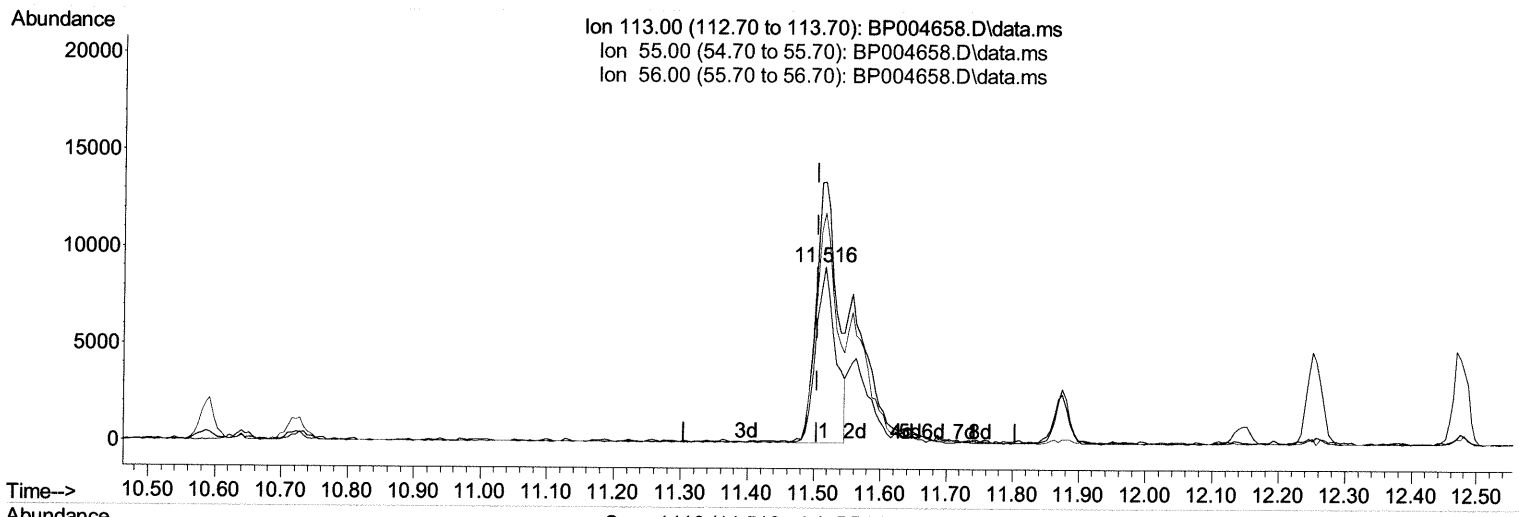

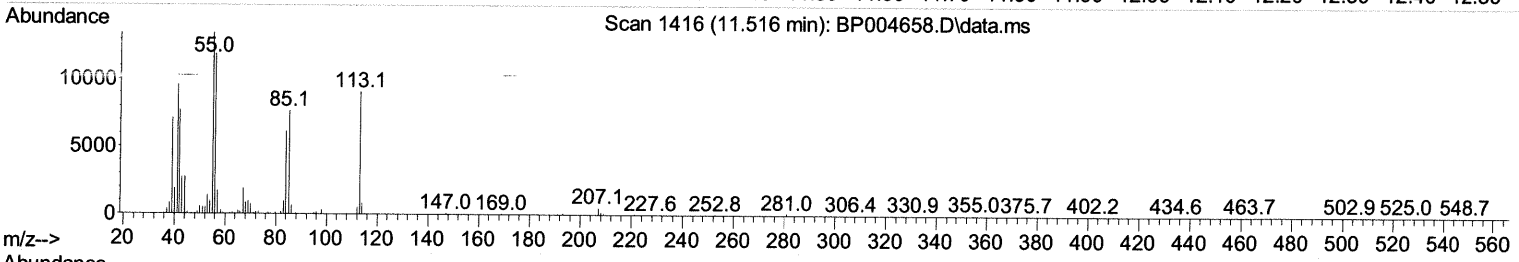

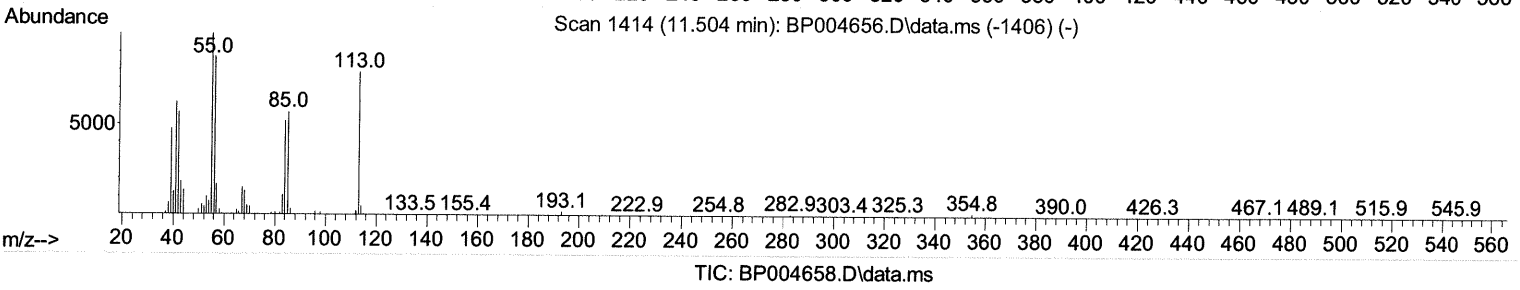

TIC: BP004658.D\data.ms

(34) Caprolactam

11.516min (+ 0.012) 19.53 ng/ul

response 18831

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	147.83
56.00	102.40	130.70#
0.00	0.00	0.00

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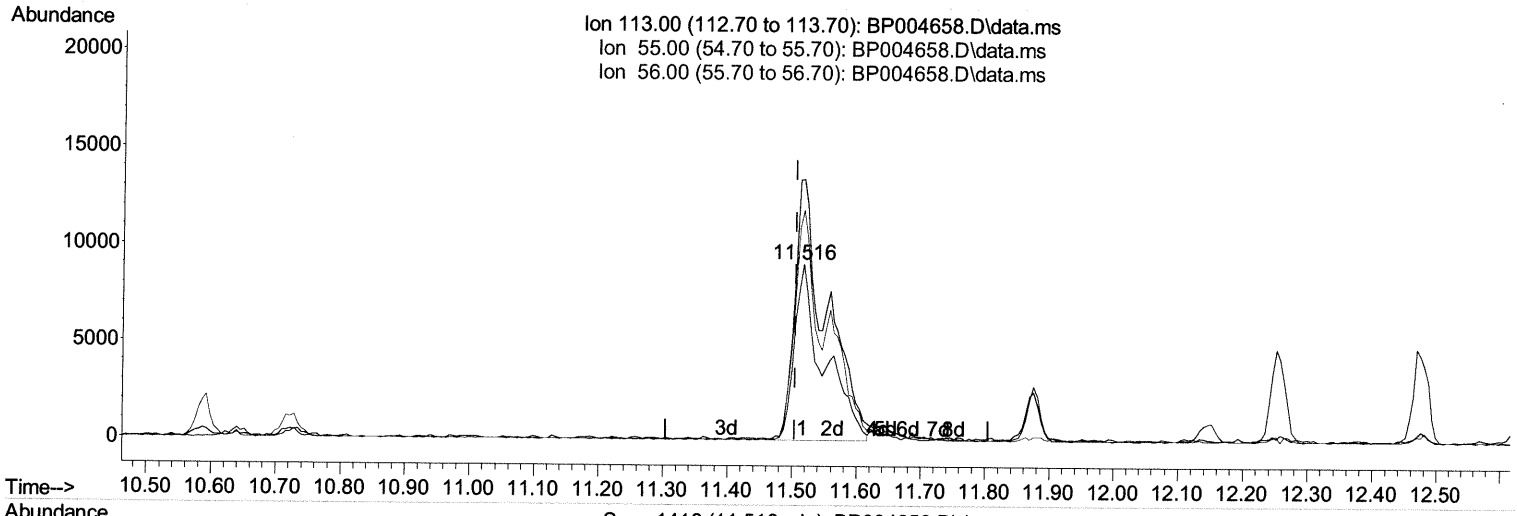

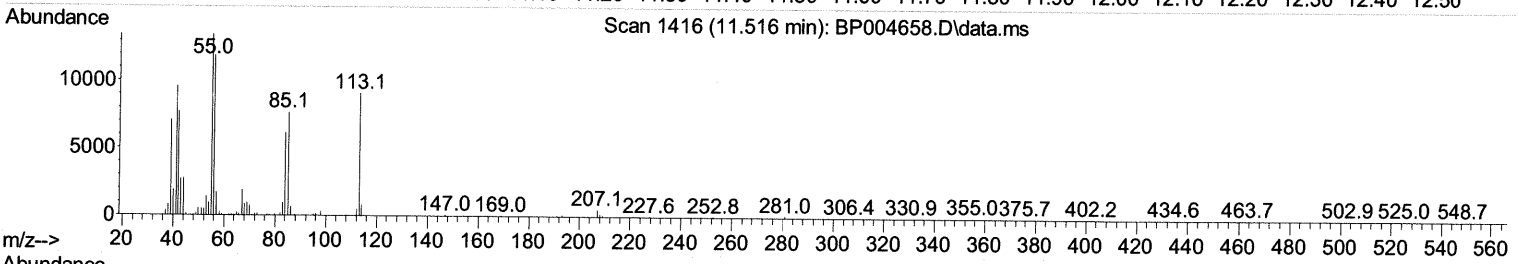

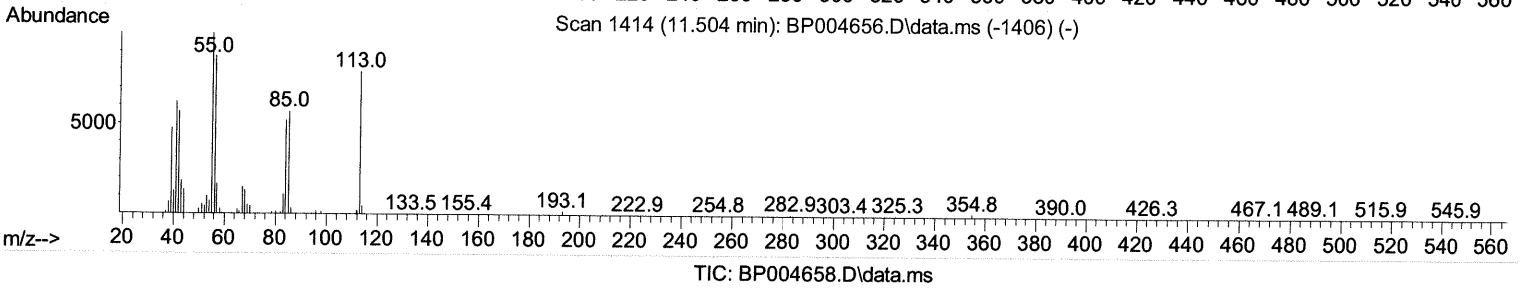

TIC: BP004658.D\data.ms

(34) Caprolactam

11.516min (+ 0.012) 29.70 ng/ul m 01/29/21 JU

response 28637

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	140.10	147.83
56.00	102.40	130.70#
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	7.793	152	46147	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	168880	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	142424	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	357566	20.00	ng/ul	0.01
79) Chrysene-d12	21.280	240	383277	20.00	ng/ul	0.01
88) Perylene-d12	23.598	264	363384	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	5525	5.80	ng/uL	0.00
4) Pyridine-d5	3.675	84	83930	32.60	ng/ul	0.00
7) Phenol-d5	6.957	99	118642	32.95	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	72505	36.49	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	86718	31.49	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	94254	31.82	ng/ul	0.00
21) Nitrobenzene-d5	8.951	128	41323	30.95	ng/ul	0.01
24) 2-Nitrophenol-d4	9.669	143	53252	30.56	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	118237	31.82	ng/ul	0.01
31) 4-Chloroaniline-d4	10.722	131	115796	29.20	ng/ul	0.00
46) Dimethylphthalate-d6	13.857	166	389399	32.16	ng/ul	0.01
49) Acenaphthylene-d8	14.134	160	456402	33.01	ng/ul	0.01
54) 4-Nitrophenol-d4	14.639	143	58132	31.42	ng/ul	0.02
60) Fluorene-d10	15.439	176	344244	32.16	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.551	200	79844	30.81	ng/ul	0.01
73) Anthracene-d10	17.298	188	577395	32.13	ng/ul	0.01
81) Pyrene-d10	19.533	212	711332	32.73	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.451	264	715281	35.34	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	12327	12.38	ng/uL#	86
5) Pyridine	3.699	79	82533	31.75	ng/ul	91
6) Benzaldehyde	6.934	77	87109	50.99	ng/ul	95
8) Phenol	6.981	94	120602	32.96	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.222	93	87469	31.49	ng/ul	94
12) 2-Chlorophenol	7.357	128	81754	29.86	ng/ul	92
13) 2-Methylphenol	8.234	108	88294	30.64	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.322	45	94507	33.72	ng/ul	97
16) Acetophenone	8.616	105	150631	30.91	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.604	70	86649	33.49	ng/ul	97
18) 4-Methylphenol	8.563	108	95047	30.58	ng/ul	96
19) Hexachloroethane	8.875	117	39644	28.19	ng/ul	96
22) Nitrobenzene	8.993	77	136091	33.90	ng/ul	95
23) Isophorone	9.522	82	228916	31.30	ng/ul	98
25) 2-Nitrophenol	9.704	139	51689	30.18	ng/ul	96
26) 2,4-Dimethylphenol	9.763	107	114204	29.99	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.004	93	121280	32.48	ng/ul	97
29) 2,4-Dichlorophenol	10.234	162	109615	31.25	ng/ul	99
30) Naphthalene	10.640	128	273879	29.39	ng/ul	98
32) 4-Chloroaniline	10.751	127	109098	28.12	ng/ul	97
33) Hexachlorobutadiene	10.928	225	96816	31.34	ng/ul	98
34) Caprolactam	11.516	113	28637m	> 29.70	ng/ul	> 01/29/21 JU
35) 4-Chloro-3-methylphenol	11.875	107	110307	31.98	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.257	142	227211	30.53	ng/ul	99
37) 1-Methylnaphthalene	12.475	142	219559	30.78	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.622	216	180473	31.68	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	112572	25.73	ng/ul	99
41) 2,4,6-Trichlorophenol	12.863	196	109998	31.25	ng/ul	96
42) 2,4,5-Trichlorophenol	12.934	196	119018	32.29	ng/ul	95
43) 1,1'-Biphenyl	13.275	154	333204	30.00	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	269152	29.24	ng/ul	98
45) 2-Nitroaniline	13.516	65	86059	34.06	ng/ul	89
47) Dimethylphthalate	13.898	163	365255	30.14	ng/ul	99
48) 2,6-Dinitrotoluene	14.016	165	74119	30.04	ng/ul	95
50) Acenaphthylene	14.163	152	381391	29.12	ng/ul	99
51) 3-Nitroaniline	14.345	138	60981	37.34	ng/ul	98
52) Acenaphthene	14.504	153	276910	29.58	ng/ul	97
53) 2,4-Dinitrophenol	14.545	184	48620	29.06	ng/ul	98
55) 4-Nitrophenol	14.651	109	73483	31.88	ng/ul	89
56) Dibenzofuran	14.839	168	433161	30.57	ng/ul	99
57) 2,4-Dinitrotoluene	14.804	165	108441	31.31	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.069	232	117898	32.04	ng/ul	95
59) Diethylphthalate	15.275	149	354623	30.09	ng/ul	98
61) Fluorene	15.492	166	364763	30.59	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.492	204	223700	31.83	ng/ul	97
63) 4-Nitroaniline	15.510	138	66814	41.61	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.569	198	76357	28.08	ng/ul#	99
67) N-Nitrosodiphenylamine	15.704	169	319202	29.73	ng/ul	98
68) 4-Bromophenyl-phenylether	16.386	248	147606	29.52	ng/ul	100
69) Hexachlorobenzene	16.498	284	167692	29.95	ng/ul	97
70) Atrazine	16.663	200	146563	29.63	ng/ul	98
71) Pentachlorophenol	16.839	266	103377	28.74	ng/ul	99
72) Phenanthrene	17.239	178	624178	30.19	ng/ul	98
74) Anthracene	17.333	178	632990	29.91	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.234	216	181666	30.91	ng/uL	99
76) Pentachlorobenzene	14.757	250	188221	29.23	ng/uL	99
77) Carbazole	17.598	167	532612	30.42	ng/ul	99
78) Di-n-butylphthalate	18.163	149	597661	28.61	ng/ul	100
80) Fluoranthene	19.210	202	816640	29.49	ng/ul	100
82) Pyrene	19.563	202	832579	29.81	ng/ul	99
83) Butylbenzylphthalate	20.439	149	259441	28.26	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.198	252	300549	31.36	ng/ul	100
85) Benzo(a)anthracene	21.263	228	816181	31.21	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.198	149	381033	28.89	ng/ul	97
87) Chrysene	21.316	228	776842	31.24	ng/ul	100
89) Di-n-octyl phthalate	22.098	149	609282	29.78	ng/ul	100
90) Benzo(b)fluoranthene	22.898	252	840034	34.39	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	769915	32.08	ng/ul	99
93) Benzo(a)pyrene	23.498	252	702972	31.70	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.986	276	895328	31.09	ng/ul	98
95) Dibenzo(a,h)anthracene	26.004	278	750548	30.58	ng/ul#	98
96) Benzo(g,h,i)perylene	26.721	276	733612	30.79	ng/ul	98

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