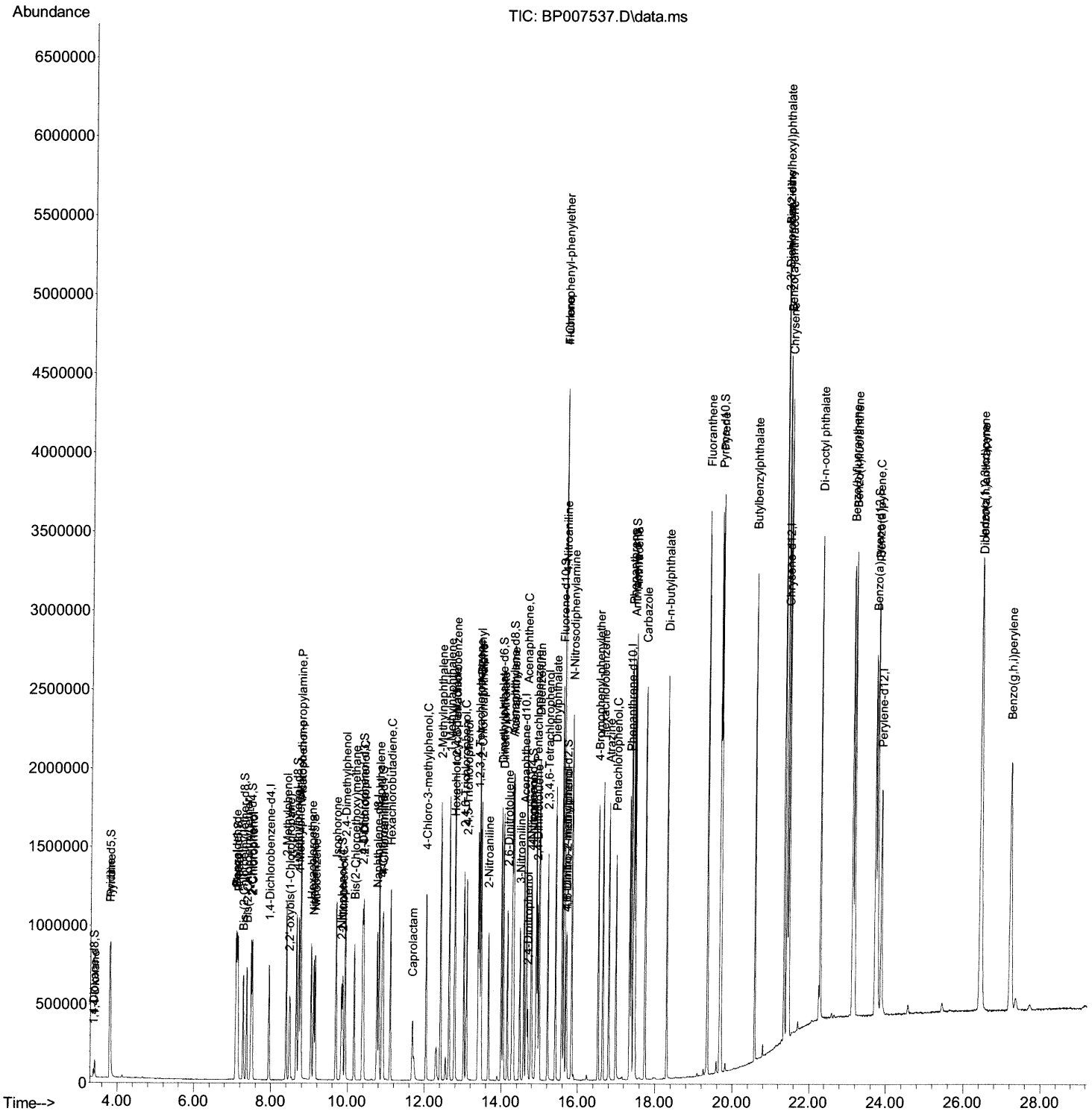
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007537.D
Acq On : 20 Oct 2021 19:50
Operator : CG/JU
Sample : PB140016BS
Misc :
ALS Vial : 92 Sample Multiplier: 1

Quant Time: Oct 21 01:02:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 20 10:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS016

Manual Integrations APPROVED
mohammad
10/21/2021 11:15:56 AM



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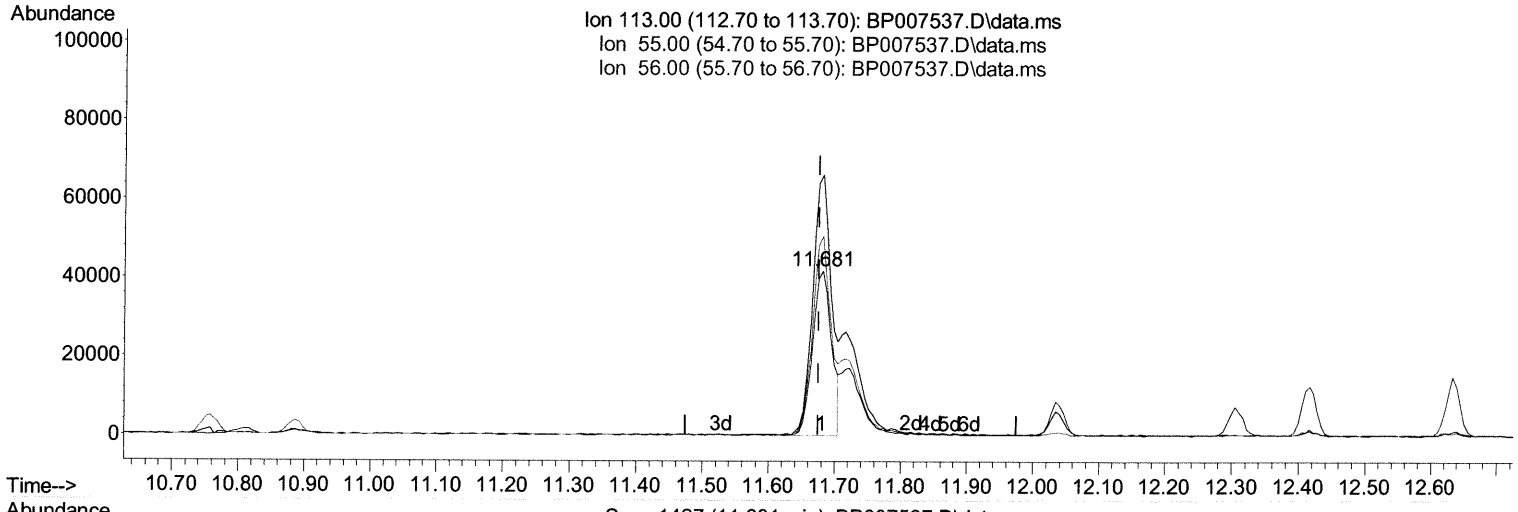

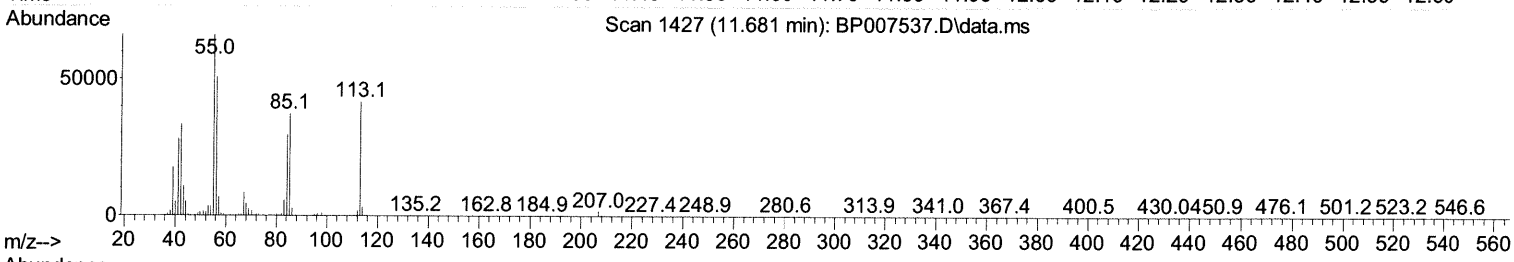

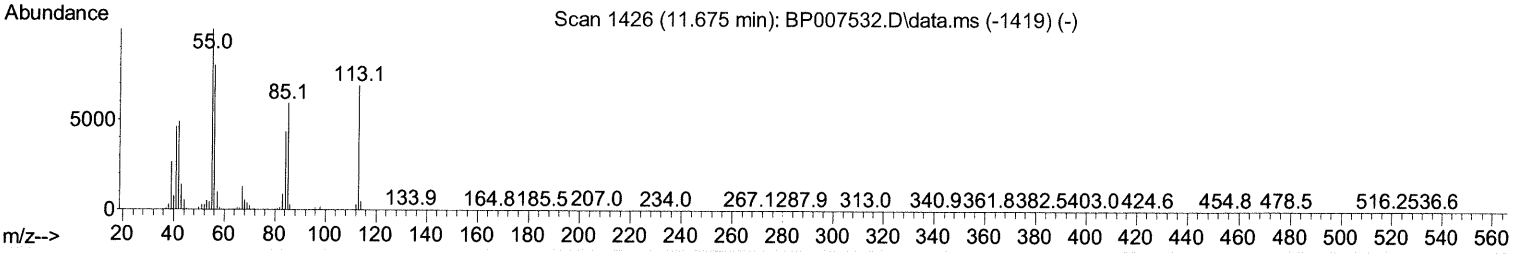

TIC: BP007537.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 28.70 ng/ul

response 84252

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	158.29
56.00	120.30	121.02
0.00	0.00	0.00

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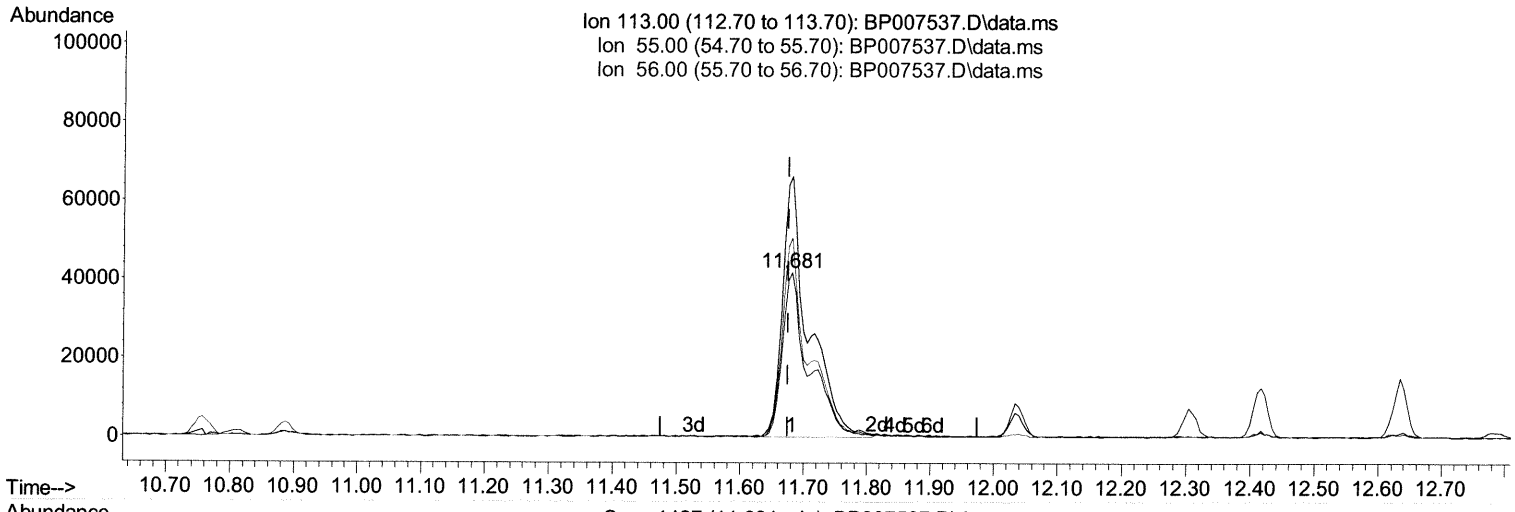

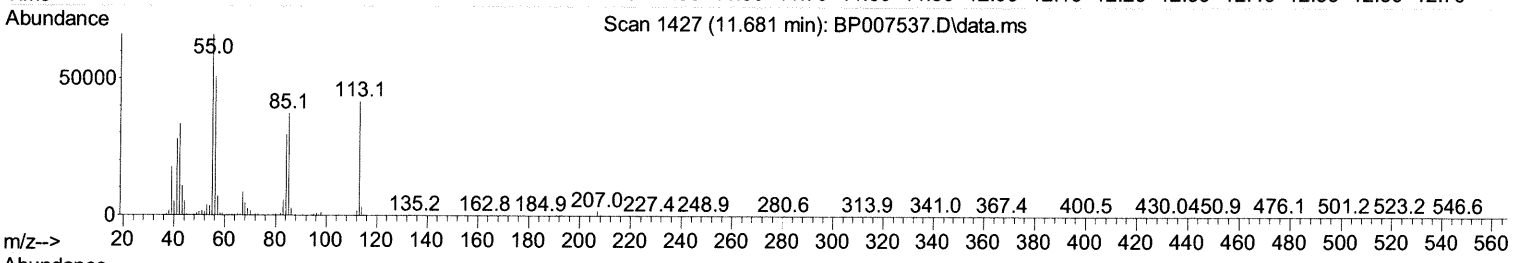

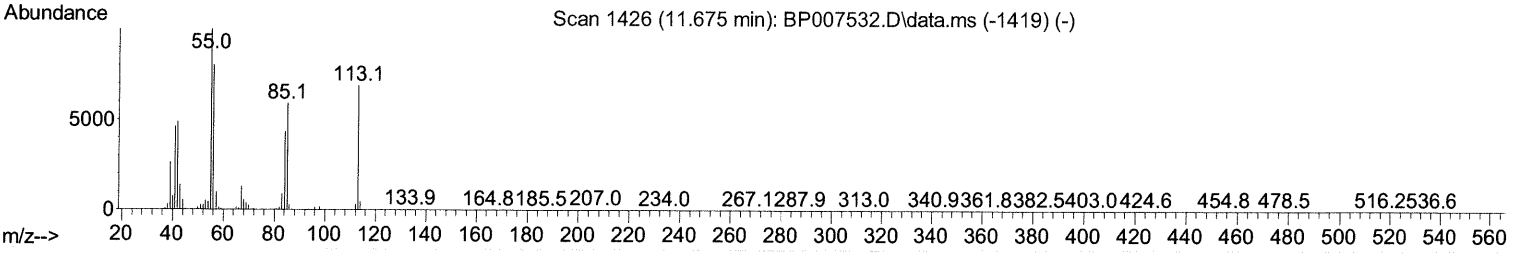

TIC: BP007537.D\data.ms

(34) Caprolactam

11.681min (+ 0.006) 41.81 ng/ul m 10/22/21 JU

response 122749

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	158.29
56.00	120.30	121.02
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	7.952	152	196316	20.000	ng/ul	0.00
20) Naphthalene-d8	10.757	136	789694	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	496424	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	1059816	20.000	ng/ul	0.00
79) Chrysene-d12	21.427	240	1068050	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	1123901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	27762	5.585	ng/uL	0.00
4) Pyridine-d5	3.793	84	410474	30.168	ng/ul	0.00
7) Phenol-d5	7.110	99	503650	32.851	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	286089	31.287	ng/ul	0.00
11) 2-Chlorophenol-d4	7.481	132	401018	33.249	ng/ul	0.00
15) 4-Methylphenol-d8	8.657	113	402773	34.106	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	188715	37.762	ng/ul	0.00
24) 2-Nitrophenol-d4	9.834	143	195140	41.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	399233	35.064	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	479385	31.135	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	1141517	33.237	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	1402989	32.505	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	210287	38.159	ng/ul	0.00
60) Fluorene-d10	15.581	176	973057	33.856	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	151872	35.763	ng/ul	0.00
73) Anthracene-d10	17.439	188	1515031	33.661	ng/ul	0.00
81) Pyrene-d10	19.669	212	1816686	34.024	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.715	264	1845836	33.007	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.411	88	57495	10.634	ng/uL	93
5) Pyridine	3.811	79	401168	30.485	ng/ul	98
6) Benzaldehyde	7.087	77	303741	35.261	ng/ul	98
8) Phenol	7.140	94	503466	32.119	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.369	93	398828	31.527	ng/ul	98
12) 2-Chlorophenol	7.516	128	399557	32.269	ng/ul	97
13) 2-Methylphenol	8.393	108	380595	32.234	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.481	45	464373	28.806	ng/ul	98
16) Acetophenone	8.775	105	581100	32.167	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.763	70	282236	30.198	ng/ul	95
18) 4-Methylphenol	8.722	108	409093	32.529	ng/ul	97
19) Hexachloroethane	9.040	117	161775	31.205	ng/ul	94
22) Nitrobenzene	9.152	77	432925	33.739	ng/ul	96
23) Isophorone	9.687	82	822007	30.601	ng/ul	97
25) 2-Nitrophenol	9.863	139	207394	38.329	ng/ul	97
26) 2,4-Dimethylphenol	9.928	107	448458	32.461	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.169	93	517689	31.102	ng/ul	99
29) 2,4-Dichlorophenol	10.399	162	383508	34.269	ng/ul	97
30) Naphthalene	10.804	128	1207849	31.450	ng/ul	99
32) 4-Chloroaniline	10.910	127	473973	30.423	ng/ul	99
33) Hexachlorobutadiene	11.104	225	262898	33.460	ng/ul	98
34) Caprolactam	11.681	113	122749m>	41.814	ng/ul	> 10/22/2134
35) 4-Chloro-3-methylphenol	12.034	107	413447	34.009	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.416	142	826857	31.501	ng/ul	99
37) 1-Methylnaphthalene	12.634	142	834072	31.389	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.787	216	479660	33.427	ng/ul	98
40) Hexachlorocyclopentadiene	12.769	237	240536	26.584	ng/ul	98
41) 2,4,6-Trichlorophenol	13.022	196	311827	36.956	ng/ul	97
42) 2,4,5-Trichlorophenol	13.092	196	342013	38.934	ng/ul	98
43) 1,1'-Biphenyl	13.422	154	1112448	31.441	ng/ul	100
44) 2-Chloronaphthalene	13.463	162	856656	31.434	ng/ul	100
45) 2-Nitroaniline	13.657	65	239721	37.834	ng/ul	94
47) Dimethylphthalate	14.045	163	1085320	31.815	ng/ul	99
48) 2,6-Dinitrotoluene	14.157	165	218099	38.554	ng/ul	95
50) Acenaphthylene	14.310	152	1374025	31.574	ng/ul	99
51) 3-Nitroaniline	14.481	138	229227	36.366	ng/ul#	97
52) Acenaphthene	14.651	153	892954	31.688	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	95945	36.715	ng/ul	97
55) 4-Nitrophenol	14.787	109	173350	34.819	ng/ul	98
56) Dibenzofuran	14.986	168	1302567	31.834	ng/ul	99
57) 2,4-Dinitrotoluene	14.939	165	317504	39.960	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	281612	38.632	ng/ul	99
59) Diethylphthalate	15.410	149	1087061	31.959	ng/ul	99
61) Fluorene	15.634	166	994596	32.082	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	515196	32.639	ng/ul	100
63) 4-Nitroaniline	15.645	138	227474	40.707	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.710	198	150450	34.249	ng/ul	97
67) N-Nitrosodiphenylamine	15.845	169	914708	32.058	ng/ul	99
68) 4-Bromophenyl-phenylether	16.528	248	335015	35.091	ng/ul	98
69) Hexachlorobenzene	16.645	284	388532	33.833	ng/ul	98
70) Atrazine	16.804	200	350077	32.409	ng/ul	98
71) Pentachlorophenol	16.986	266	241934	38.058	ng/ul	100
72) Phenanthrene	17.381	178	1700717	32.100	ng/ul	99
74) Anthracene	17.475	178	1705275	32.181	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.387	216	482429	31.384	ng/uL	99
76) Pentachlorobenzene	14.910	250	457826	31.950	ng/uL	100
77) Carbazole	17.739	167	1583157	34.012	ng/ul	99
78) Di-n-butylphthalate	18.304	149	1881690	32.907	ng/ul	99
80) Fluoranthene	19.345	202	2148624	32.432	ng/ul	99
82) Pyrene	19.698	202	2131958	31.912	ng/ul	99
83) Butylbenzylphthalate	20.574	149	861699	35.131	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.339	252	668624	32.903	ng/ul#	98
85) Benzo(a)anthracene	21.410	228	2152762	32.805	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.345	149	1242767	33.141	ng/ul	99
87) Chrysene	21.463	228	2059698	32.400	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	2193645	34.590	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	2272361	33.219	ng/ul	100
91) Benzo(k)fluoranthene	23.174	252	2075563	32.541	ng/ul	99
93) Benzo(a)pyrene	23.768	252	2159901	33.010	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.439	276	2547255	33.604	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	2184134	33.838	ng/ul	99
96) Benzo(g,h,i)perylene	27.221	276	2200608	33.709	ng/ul	97

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