Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022221\
Data File : BP004849.D
Acq On : 22 Feb 2021 13:31
Operator : CG/JU
Sample : SSTD08004
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 22 14:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 12:56:00 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080104

Manual Integrations APPROVED
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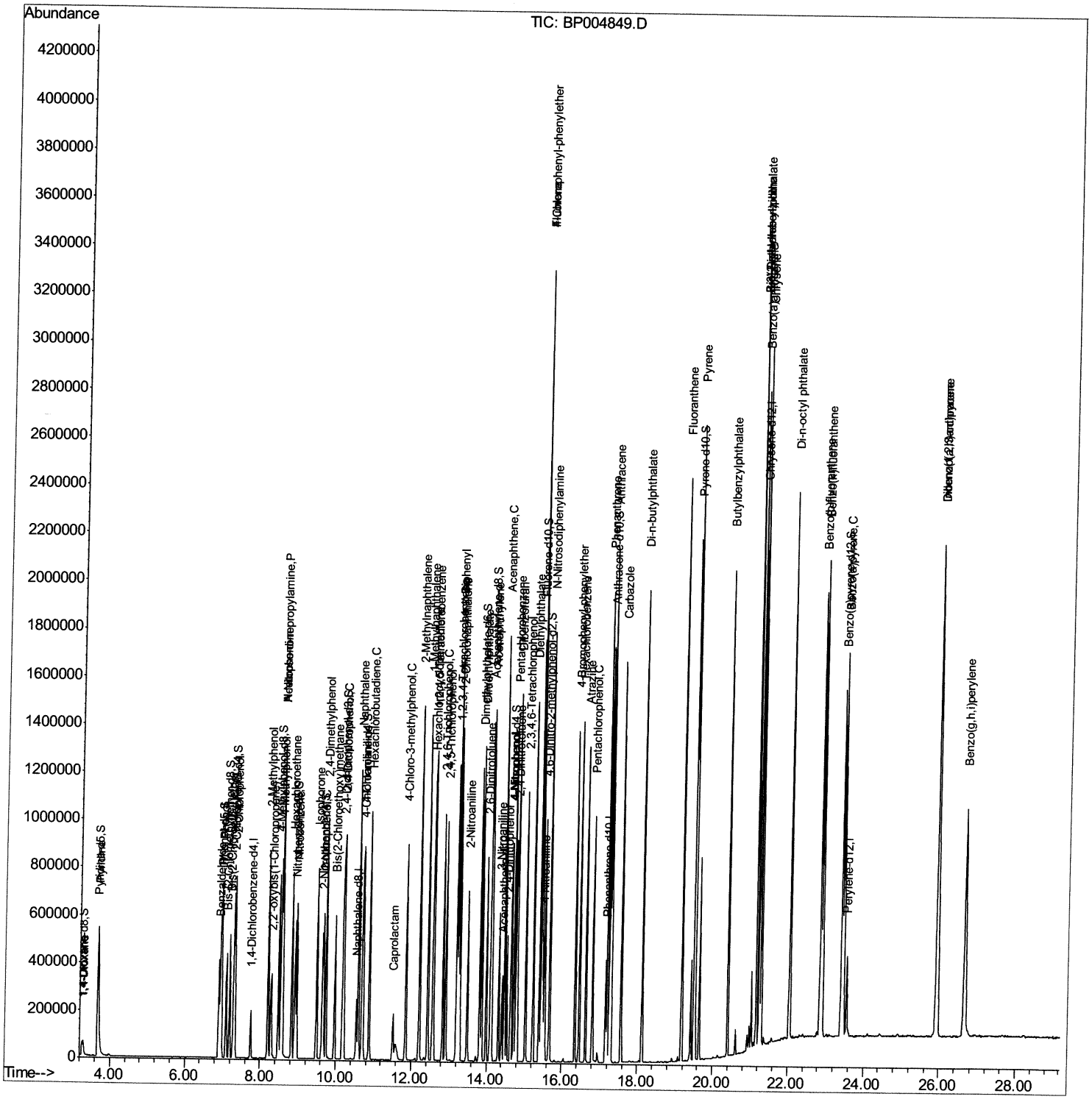

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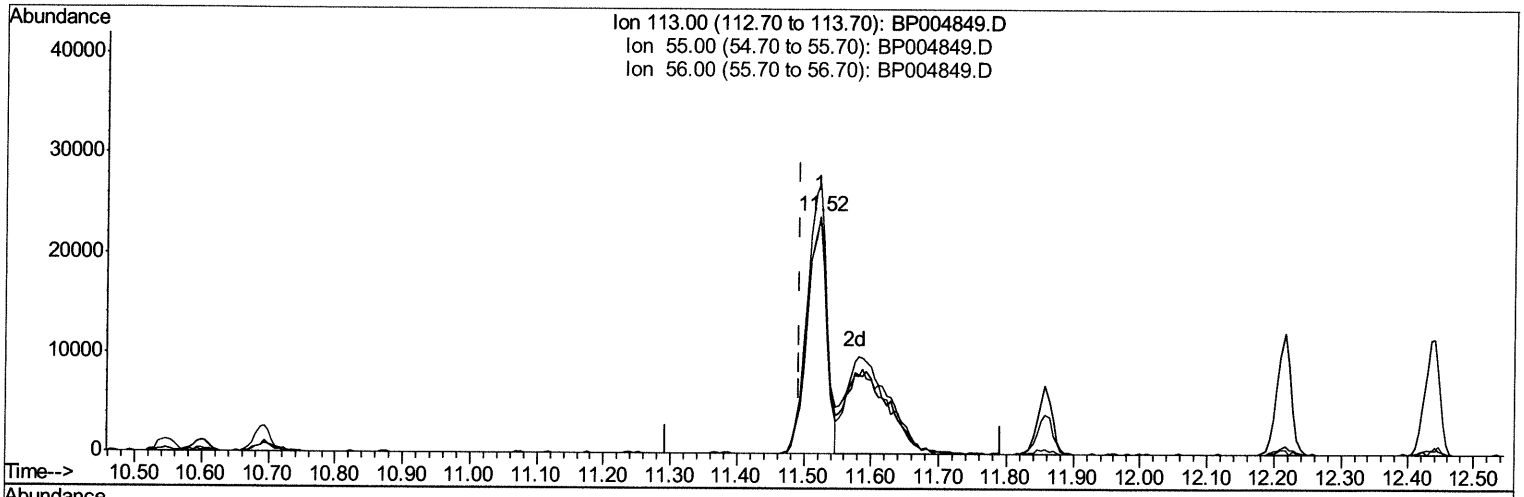

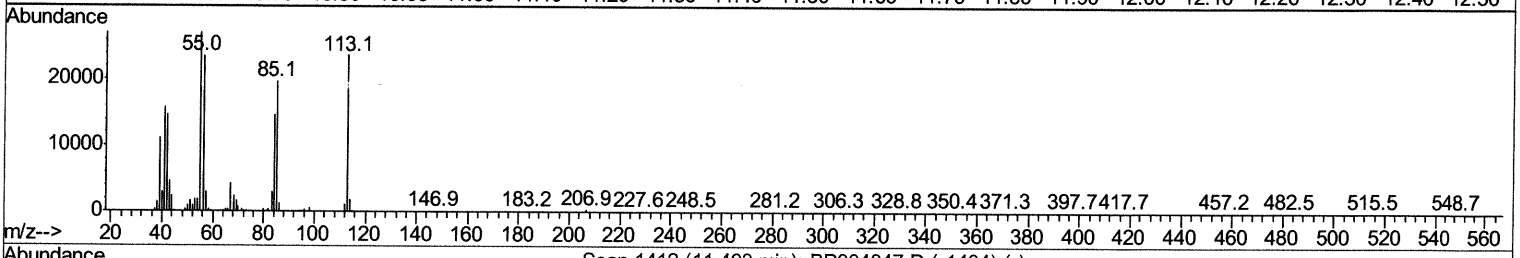

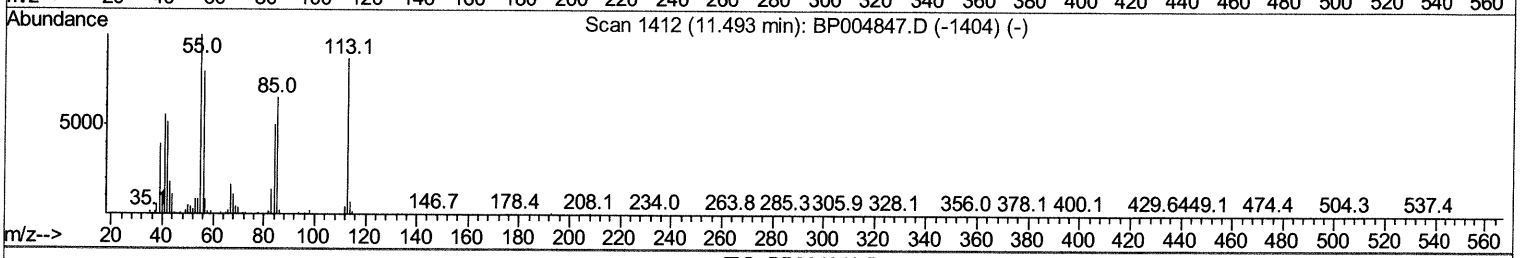

TIC: BP004849.D

(34) Caprolactam

11.522min (+0.030) 45.54ng/ul

response 48997

Ion	Exp%	Act%
113.00	100	100
55.00	115.10	113.89
56.00	91.50	99.43
0.00	0.00	0.00

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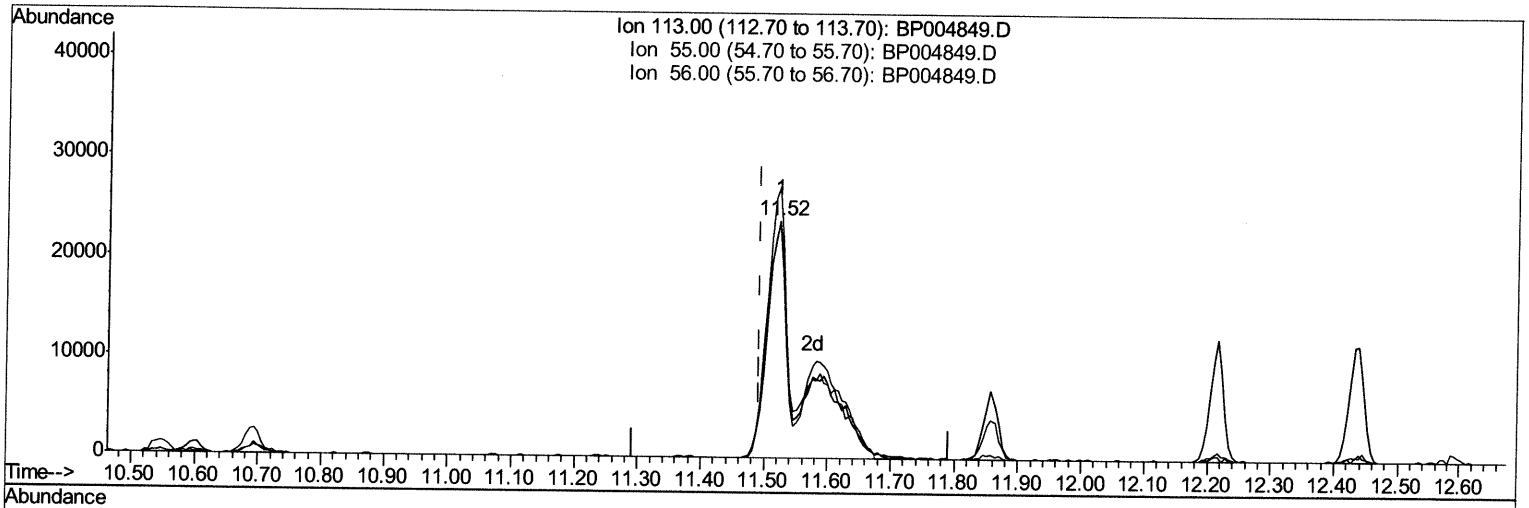

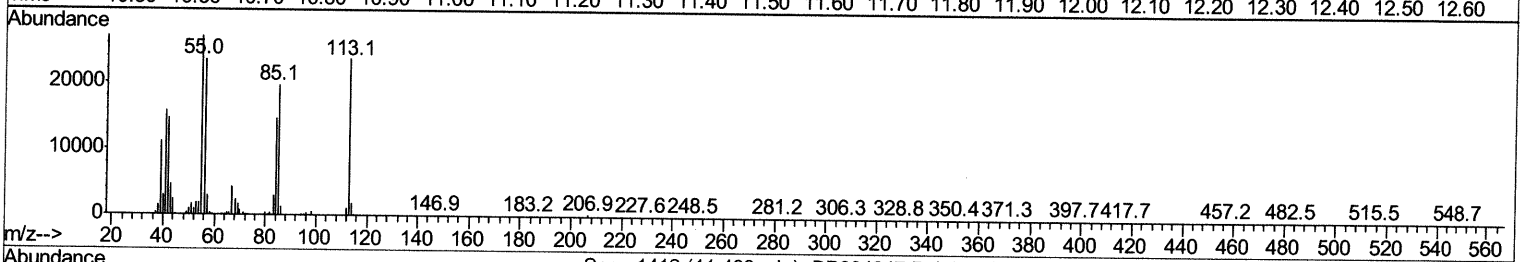

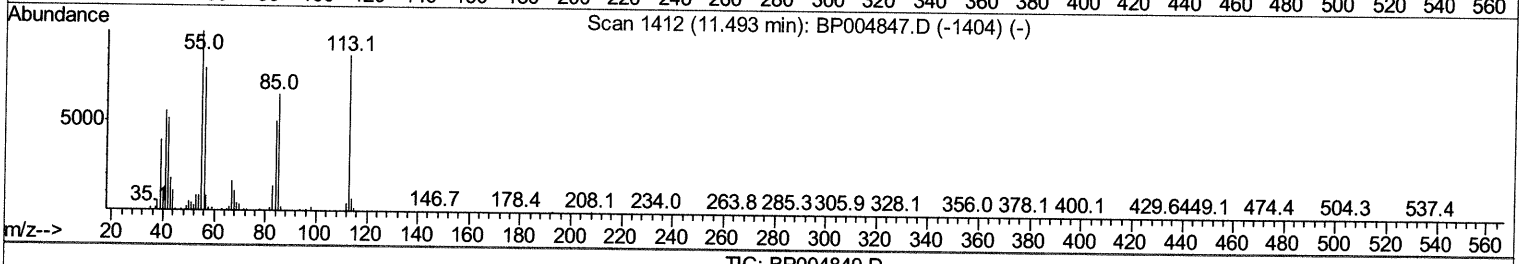

TIC: BP004849.D

(34) Caprolactam

11.522min (+0.030) 79.80ng/ul m 02/24/21JU

response 85851

Ion	Exp%	Act%
113.00	100	100
55.00	115.10	113.89
56.00	91.50	99.43
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	52894	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	199146	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	118903	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.16	188	245171	20.00	ng/ul	0.00
79) Chrysene-d12	21.25	240	251648	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	241360	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	43510	34.78	ng/uL	0.00
4) Pyridine-d5	3.66	84	295706	91.50	ng/ul	0.00
7) Phenol-d5	6.94	99	354271	81.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.09	67	183148	75.09	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	293860	83.51	ng/ul	0.00
15) 4-Methylphenol-d8	8.48	113	278676	80.66	ng/ul	0.01
21) Nitrobenzene-d5	8.92	128	137784	82.62	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	160981	91.95	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.18	165	288095	86.25	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	362852	80.27	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	777402	82.16	ng/ul	0.00
49) Acenaphthylene-d8	14.10	160	917826	78.87	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	138500	85.21	ng/ul	0.01
60) Fluorene-d10	15.40	176	654692	79.36	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	152486	101.64	ng/ul	0.01
73) Anthracene-d10	17.26	188	992186	83.43	ng/ul	0.00
81) Pyrene-d10	19.50	212	1097128	83.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.42	264	1128201	88.18	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	45198	34.674	ng/uL	96
5) Pyridine	3.68	79	287021	87.978	ng/ul	98
6) Benzaldehyde	6.90	77	142722	82.282	ng/ul	98
8) Phenol	6.97	94	369897	82.804	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.19	93	280970	77.224	ng/ul	96
12) 2-Chlorophenol	7.33	128	306565	85.426	ng/ul	98
13) 2-Methylphenol	8.21	108	279260	81.661	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.29	45	228672	59.397	ng/ul	96
16) Acetophenone	8.58	105	464708	87.258	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.58	70	197481	77.615	ng/ul	99
18) 4-Methylphenol	8.55	108	297005	81.717	ng/ul	93
19) Hexachloroethane	8.83	117	136647	86.285	ng/ul	98
22) Nitrobenzene	8.96	77	339553	87.873	ng/ul	97
23) Isophorone	9.49	82	582265	81.102	ng/ul	98
25) 2-Nitrophenol	9.67	139	172285	91.988	ng/ul	96
26) 2,4-Dimethylphenol	9.73	107	351263	99.013	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.97	93	350219	77.329	ng/ul	98
29) 2,4-Dichlorophenol	10.20	162	286625	87.986	ng/ul	96
30) Naphthalene	10.60	128	928308	83.209	ng/ul	99
32) 4-Chloroaniline	10.72	127	373583	85.855	ng/ul	94
33) Hexachlorobutadiene	10.88	225	211425	87.144	ng/ul	98
34) Caprolactam	11.52	113	85851m>	79.795	ng/ul>	

02/24/21 JU

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Sample : SSTD08004
Misc :
ALS Vial : 6 Sample Multiplier: 1

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Instrument : BNA_P
ClientSampleId : SSTD080104

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.86	107	309591	96.930	ng/ul	99
36) 2-Methylnaphthalene	12.22	142	651079	84.541	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	643842	86.789	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	372273	85.360	ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	253378	116.894	ng/ul	96
41) 2,4,6-Trichlorophenol	12.83	196	232539	91.713	ng/ul	99
42) 2,4,5-Trichlorophenol	12.91	196	245993	92.252	ng/ul	96
43) 1,1'-Biphenyl	13.23	154	823753	84.156	ng/ul	98
44) 2-Chloronaphthalene	13.28	162	652441	83.204	ng/ul	98
45) 2-Nitroaniline	13.49	65	189391	104.363	ng/ul	96
47) Dimethylphthalate	13.87	163	780281	81.766	ng/ul	99
48) 2,6-Dinitrotoluene	13.99	165	173290	89.005	ng/ul	90
50) Acenaphthylene	14.13	152	938834	81.559	ng/ul	99
51) 3-Nitroaniline	14.32	138	143227	88.737	ng/ul	96
52) Acenaphthene	14.47	153	669094	82.532	ng/ul	98
53) 2,4-Dinitrophenol	14.53	184	110131	111.503	ng/ul	94
55) 4-Nitrophenol	14.65	109	140809	122.515	ng/ul	98
56) Dibenzofuran	14.81	168	942751	81.782	ng/ul	99
57) 2,4-Dinitrotoluene	14.78	165	239629	85.317	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.04	232	216959	92.323	ng/ul#	97
59) Diethylphthalate	15.24	149	788564	84.526	ng/ul	98
61) Fluorene	15.46	166	792230	85.478	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.46	204	420961	83.684	ng/ul	93
63) 4-Nitroaniline	15.49	138	123575	86.069	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.55	198	151530	94.854	ng/ul#	97
67) N-Nitrosodiphenylamine	15.67	169	662539	91.576	ng/ul	97
68) 4-Bromophenyl-phenylether	16.35	248	253855	84.445	ng/ul	99
69) Hexachlorobenzene	16.46	284	276535	79.012	ng/ul	99
70) Atrazine	16.64	200	261799	92.541	ng/ul	98
71) Pentachlorophenol	16.82	266	173869	102.822	ng/ul	97
72) Phenanthrene	17.20	178	1173999	82.389	ng/ul	99
74) Anthracene	17.30	178	1215953	84.823	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	372741	93.160	ng/uL	98
76) Pentachlorobenzene	14.73	250	363764	90.250	ng/uL	98
77) Carbazole	17.57	167	1023520	86.072	ng/ul	99
78) Di-n-butylphthalate	18.13	149	1321840	92.351	ng/ul	99
80) Fluoranthene	19.18	202	1365709	82.975	ng/ul	99
82) Pyrene	19.53	202	1429896	83.933	ng/ul	100
83) Butylbenzylphthalate	20.41	149	586209	96.970	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.17	252	492921	91.935	ng/ul	99
85) Benzo(a)anthracene	21.24	228	1369685	81.480	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	891102	97.432	ng/ul	97
87) Chrysene	21.29	228	1321906	80.476	ng/ul	99
89) Di-n-octyl phthalate	22.06	149	1453352	106.252	ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	1399627	91.105	ng/ul	99
91) Benzo(k)fluoranthene	22.91	252	1330800	85.817	ng/ul	99
93) Benzo(a)pyrene	23.46	252	1218017	84.888	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.94	276	1546973	85.512	ng/ul	98
95) Dibenzo(a,h)anthracene	25.95	278	1317974	87.727	ng/ul	99
96) Benzo(g,h,i)perylene	26.67	276	1273740	83.596	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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