Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP022321\
Data File : BP004855.D
Acq On : 23 Feb 2021 14:20
Operator : CG/JU
Sample : PB134680BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 23 14:55:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP022221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 23 14:30:50 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS680

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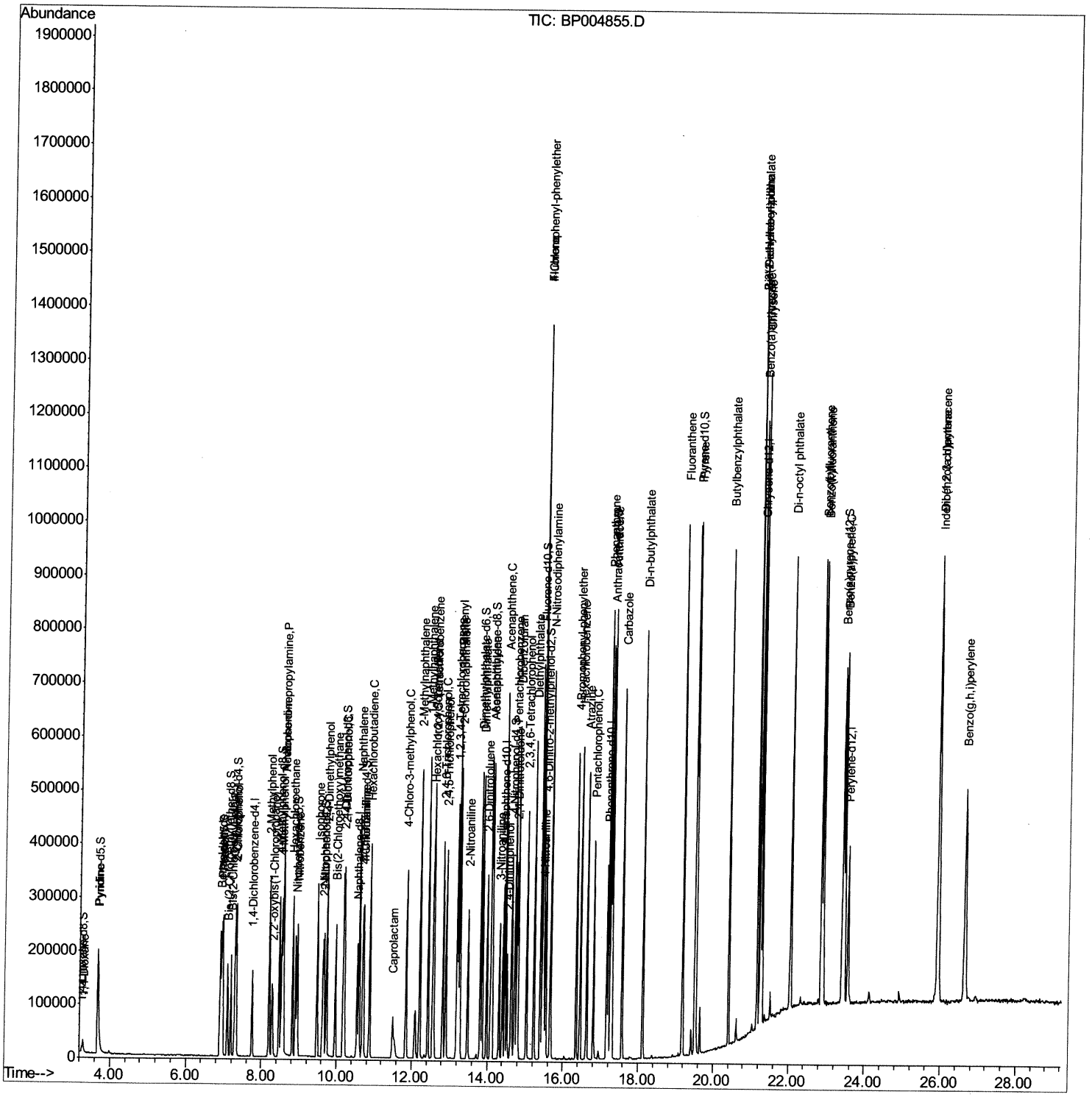
2/24/2021 6:50:13 AM



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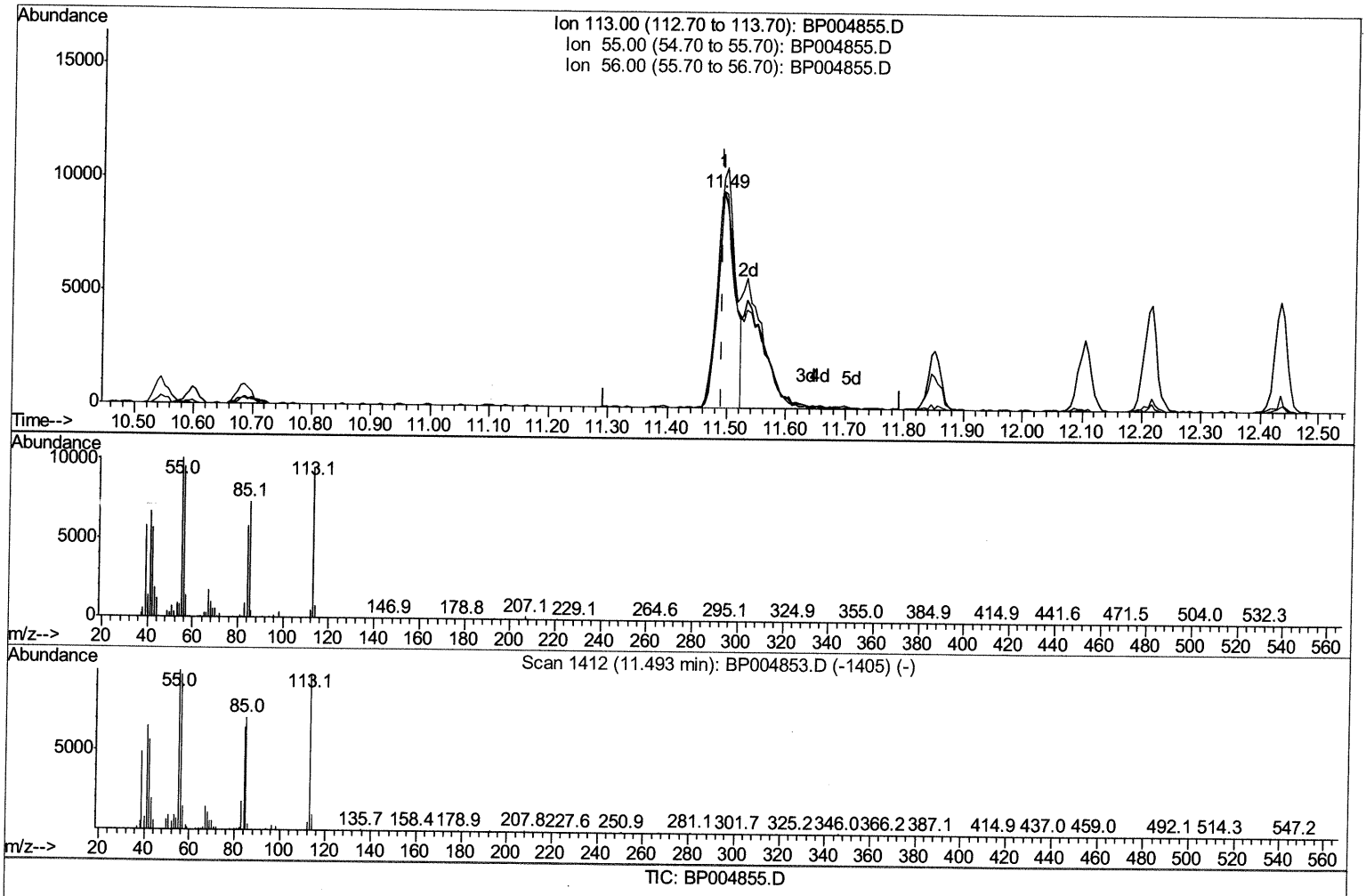

TIC: BP004855.D

(34) Caprolactam

11.493min (-0.000) 22.45ng/ul

response 18997

Ion	Exp%	Act%
113.00	100	100
55.00	115.10	106.11
56.00	91.50	100.22
0.00	0.00	0.00

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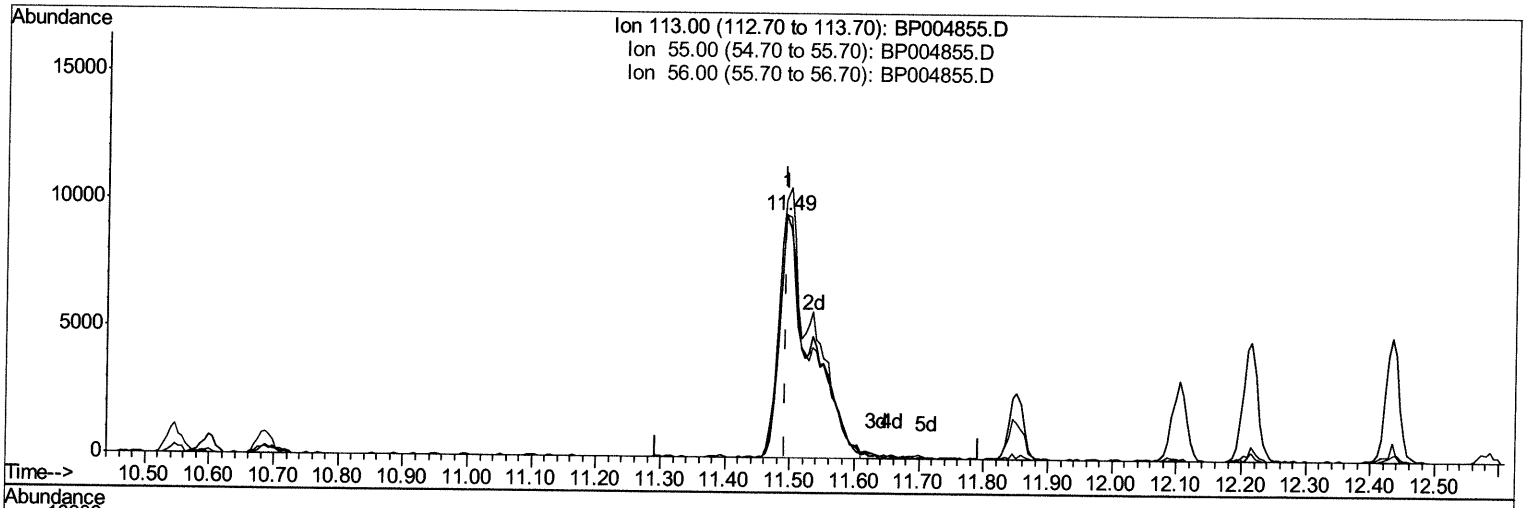

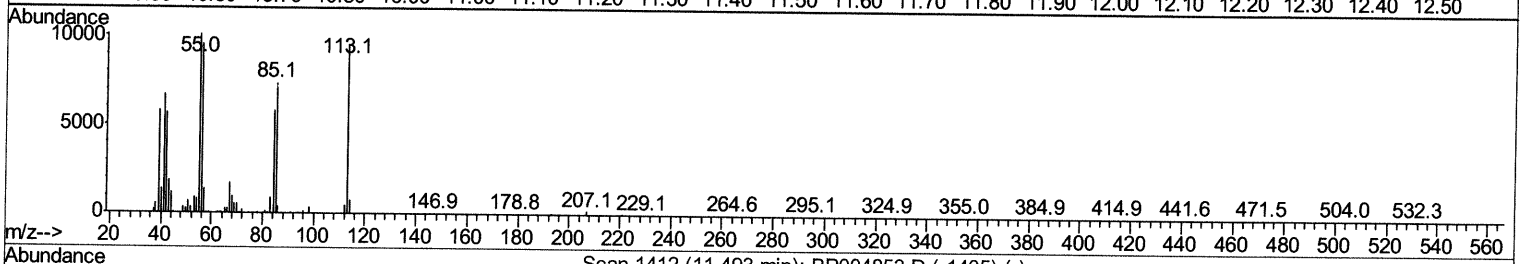

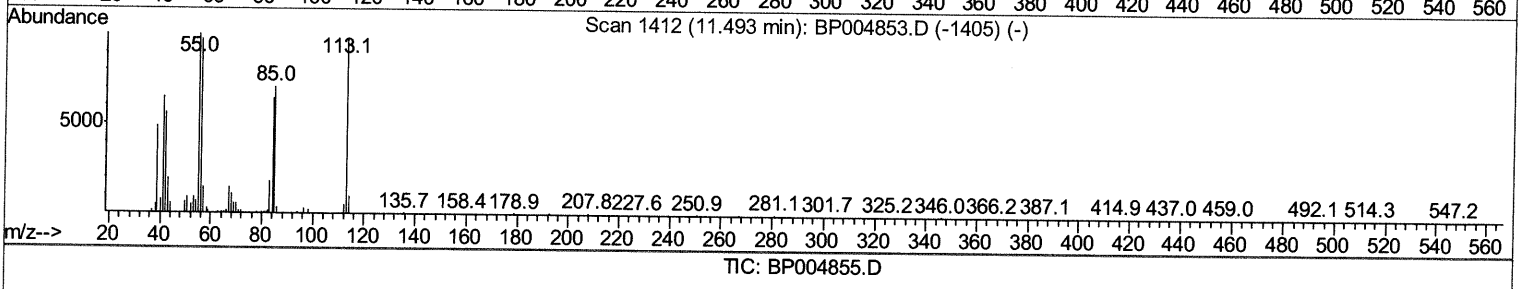

TIC: BP004855.D

(34) Caprolactam

11.493min (-0.000) 36.70ng/ul m 02/24/21 JU

response 31054

Ion	Exp%	Act%
113.00	100	100
55.00	115.10	106.11
56.00	91.50	100.22
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	7.75	152	42322	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	160351	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	100176	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.16	188	210106	20.00	ng/ul	0.00
79) Chrysene-d12	21.25	240	220935	20.00	ng/ul	0.00
88) Perylene-d12	23.55	264	208486	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	7561	6.96	ng/uL	0.00
4) Pyridine-d5	3.67	84	104286	36.82	ng/ul	0.00
7) Phenol-d5	6.93	99	135655	38.73	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.09	67	70876	38.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.29	132	113140	39.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	106917	38.73	ng/ul	0.00
21) Nitrobenzene-d5	8.91	128	51514	38.96	ng/ul	0.00
24) 2-Nitrophenol-d4	9.63	143	58725	38.27	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	109338	39.05	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	120039	33.16	ng/ul	0.00
46) Dimethylphthalate-d6	13.82	166	313834	39.63	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	391455	41.98	ng/ul	0.00
54) 4-Nitrophenol-d4	14.63	143	53920	38.35	ng/ul	0.00
60) Fluorene-d10	15.40	176	269108	39.84	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.53	200	60559	40.15	ng/ul	0.00
73) Anthracene-d10	17.26	188	416450	40.17	ng/ul	0.00
81) Pyrene-d10	19.50	212	468890	39.85	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	486703	41.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	16179	14.625	ng/uL	93
5) Pyridine	3.69	79	104133	37.448	ng/ul	95
6) Benzaldehyde	6.90	77	79401	43.327	ng/ul	97
8) Phenol	6.96	94	133785	36.366	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.19	93	103651	37.217	ng/ul	93
12) 2-Chlorophenol	7.32	128	112527	37.737	ng/ul	98
13) 2-Methylphenol	8.20	108	101263	36.426	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.29	45	81654	35.486	ng/ul	97
16) Acetophenone	8.58	105	166011	36.134	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.57	70	71785	37.597	ng/ul	98
18) 4-Methylphenol	8.53	108	109897	37.134	ng/ul	92
19) Hexachloroethane	8.83	117	50146	37.674	ng/ul	96
22) Nitrobenzene	8.96	77	125517	38.037	ng/ul	97
23) Isophorone	9.48	82	213075	38.070	ng/ul	99
25) 2-Nitrophenol	9.66	139	62797	38.295	ng/ul	96
26) 2,4-Dimethylphenol	9.73	107	125722	36.731	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.96	93	129022	37.598	ng/ul	99
29) 2,4-Dichlorophenol	10.20	162	108671	39.758	ng/ul	97
30) Naphthalene	10.60	128	345869	38.154	ng/ul	99
32) 4-Chloroaniline	10.71	127	116191	31.421	ng/ul	95
33) Hexachlorobutadiene	10.88	225	81125	38.504	ng/ul	94
34) Caprolactam	11.49	113	31054m	36.702	ng/ul	

02/24/2021

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.85	107	116101	39.387 ng/ul	95
36) 2-Methylnaphthalene	12.22	142	243484	38.103 ng/ul	96
37) 1-Methylnaphthalene	12.43	142	234403	37.605 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	143605	37.616 ng/ul	96
40) Hexachlorocyclopentadiene	12.56	237	89695	34.974 ng/ul	99
41) 2,4,6-Trichlorophenol	12.83	196	87729	37.448 ng/ul	99
42) 2,4,5-Trichlorophenol	12.90	196	94149	37.541 ng/ul	96
43) 1,1'-Biphenyl	13.23	154	314535	37.314 ng/ul	97
44) 2-Chloronaphthalene	13.27	162	249842	37.498 ng/ul	97
45) 2-Nitroaniline	13.49	65	71192	39.536 ng/ul	92
47) Dimethylphthalate	13.86	163	305400	37.794 ng/ul	98
48) 2,6-Dinitrotoluene	13.99	165	65926	39.108 ng/ul	90
50) Acenaphthylene	14.12	152	356333	37.441 ng/ul	98
51) 3-Nitroaniline	14.32	138	55866	36.005 ng/ul	97
52) Acenaphthene	14.47	153	257823	37.476 ng/ul	99
53) 2,4-Dinitrophenol	14.52	184	39040	38.940 ng/ul	94
55) 4-Nitrophenol	14.64	109	56179	39.104 ng/ul	96
56) Dibenzofuran	14.80	168	365666	37.534 ng/ul	100
57) 2,4-Dinitrotoluene	14.77	165	93528	40.293 ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.03	232	85367	39.660 ng/ul	96
59) Diethylphthalate	15.23	149	310206	38.538 ng/ul	98
61) Fluorene	15.46	166	309682	38.701 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.46	204	167130	38.771 ng/ul	96
63) 4-Nitroaniline	15.49	138	60721	41.214 ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.54	198	57534	37.764 ng/ul#	93
67) N-Nitrosodiphenylamine	15.67	169	258944	37.912 ng/ul	99
68) 4-Bromophenyl-phenylether	16.35	248	101166	38.340 ng/ul	98
69) Hexachlorobenzene	16.46	284	111671	38.741 ng/ul	97
70) Atrazine	16.63	200	101259	36.716 ng/ul	99
71) Pentachlorophenol	16.82	266	67570	39.643 ng/ul	97
72) Phenanthrene	17.20	178	477223	38.585 ng/ul	99
74) Anthracene	17.30	178	482424	38.208 ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.20	216	142326	37.044 ng/uL	98
76) Pentachlorobenzene	14.72	250	132638	34.602 ng/uL	97
77) Carbazole	17.57	167	416850	37.662 ng/ul	99
78) Di-n-butylphthalate	18.13	149	525032	39.425 ng/ul	99
80) Fluoranthene	19.17	202	567289	38.359 ng/ul	99
82) Pyrene	19.53	202	576969	38.000 ng/ul	98
83) Butylbenzylphthalate	20.40	149	230943	38.018 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.17	252	189777	34.878 ng/ul	98
85) Benzo(a)anthracene	21.23	228	562285	38.043 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.16	149	346457	37.538 ng/ul	96
87) Chrysene	21.29	228	545939	37.965 ng/ul	98
89) Di-n-octyl phthalate	22.05	149	570891	37.254 ng/ul	100
90) Benzo(b)fluoranthene	22.86	252	586569	40.626 ng/ul	99
91) Benzo(k)fluoranthene	22.90	252	547400	39.130 ng/ul	98
93) Benzo(a)pyrene	23.46	252	497237	39.472 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.92	276	624867	39.214 ng/ul	98
95) Dibenzo(a,h)anthracene	25.94	278	538083	39.783 ng/ul	99
96) Benzo(g,h,i)perylene	26.65	276	522668	39.664 ng/ul	98

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

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