Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP072421\
Data File : BP006296.D
Acq On : 23 Jul 2021 20:26
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 24 03:16:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 24 02:41:40 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTD080605

Manual Integrations APPROVED
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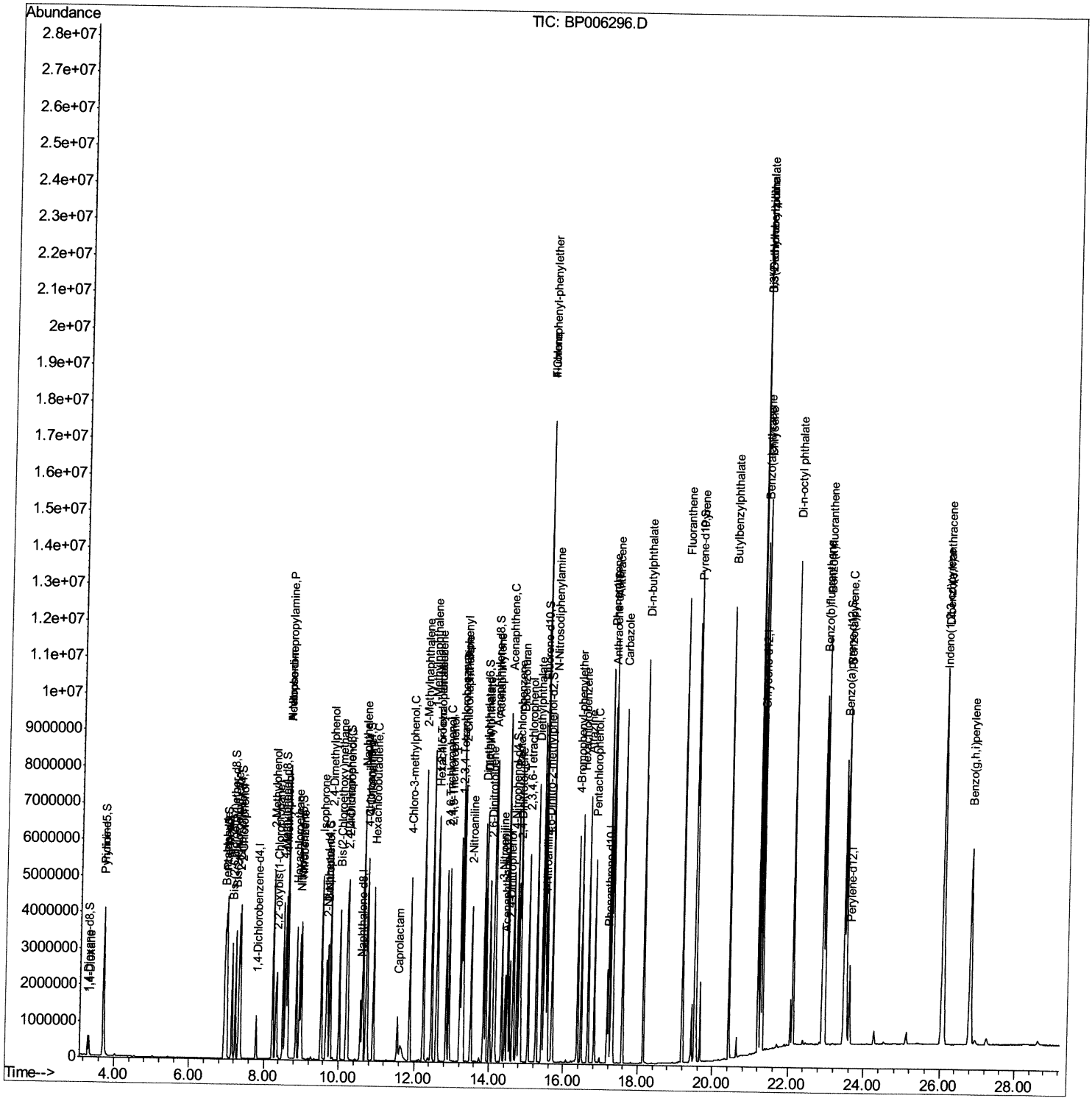

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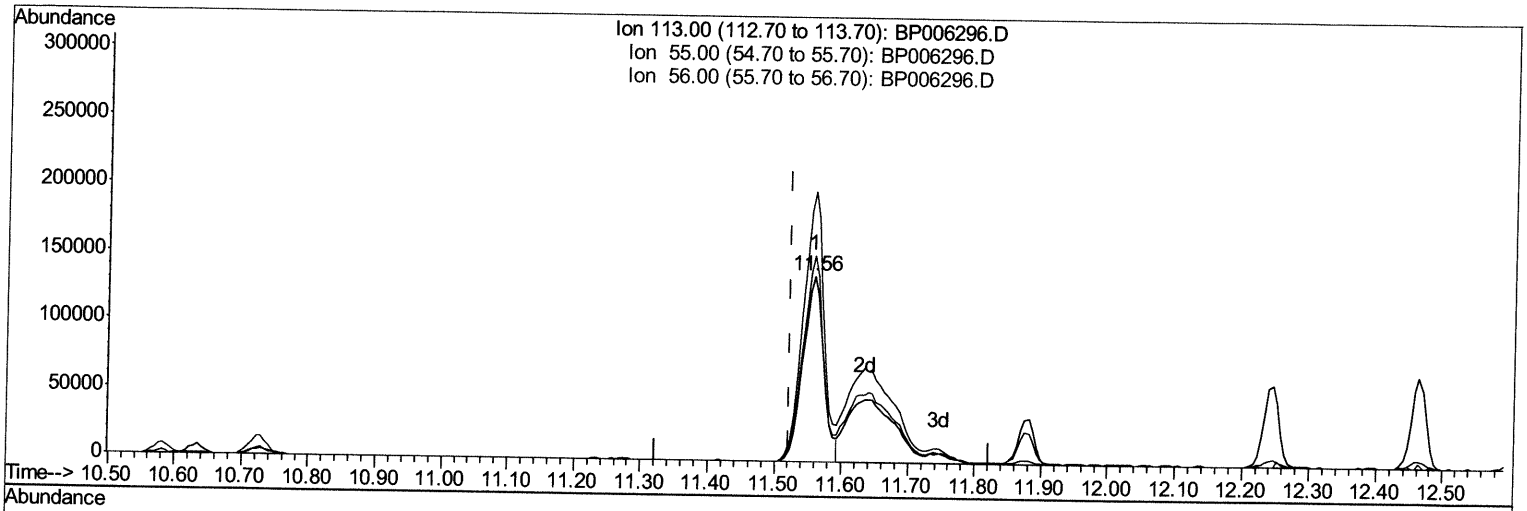

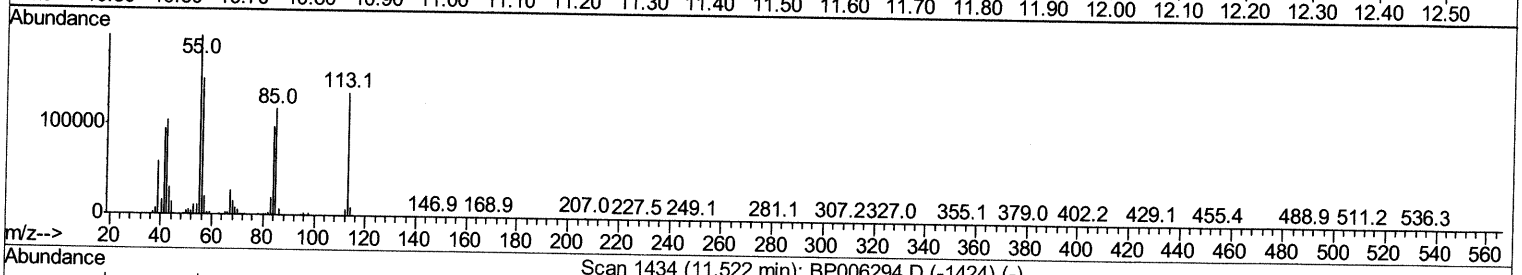

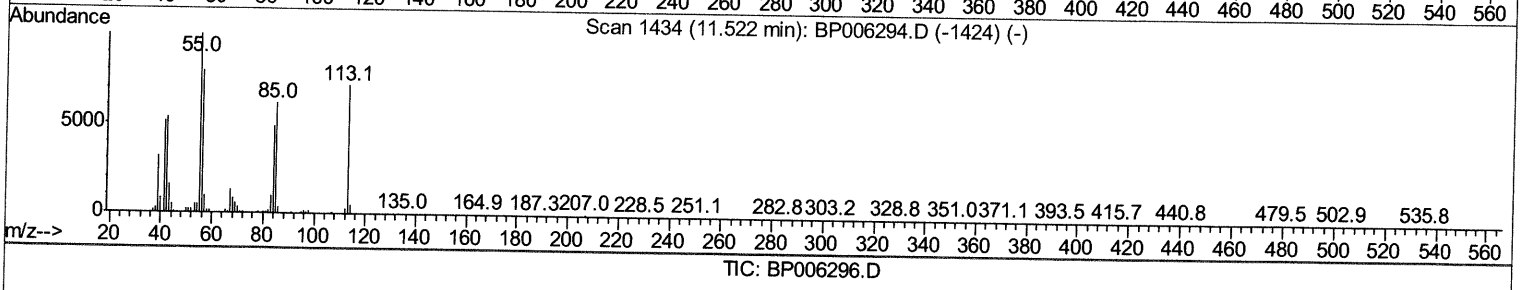

TIC: BP006296.D

(34) Caprolactam

11.557min (+0.035) 41.03ng/ul

response 292880

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	145.68
56.00	111.50	111.28
0.00	0.00	0.00

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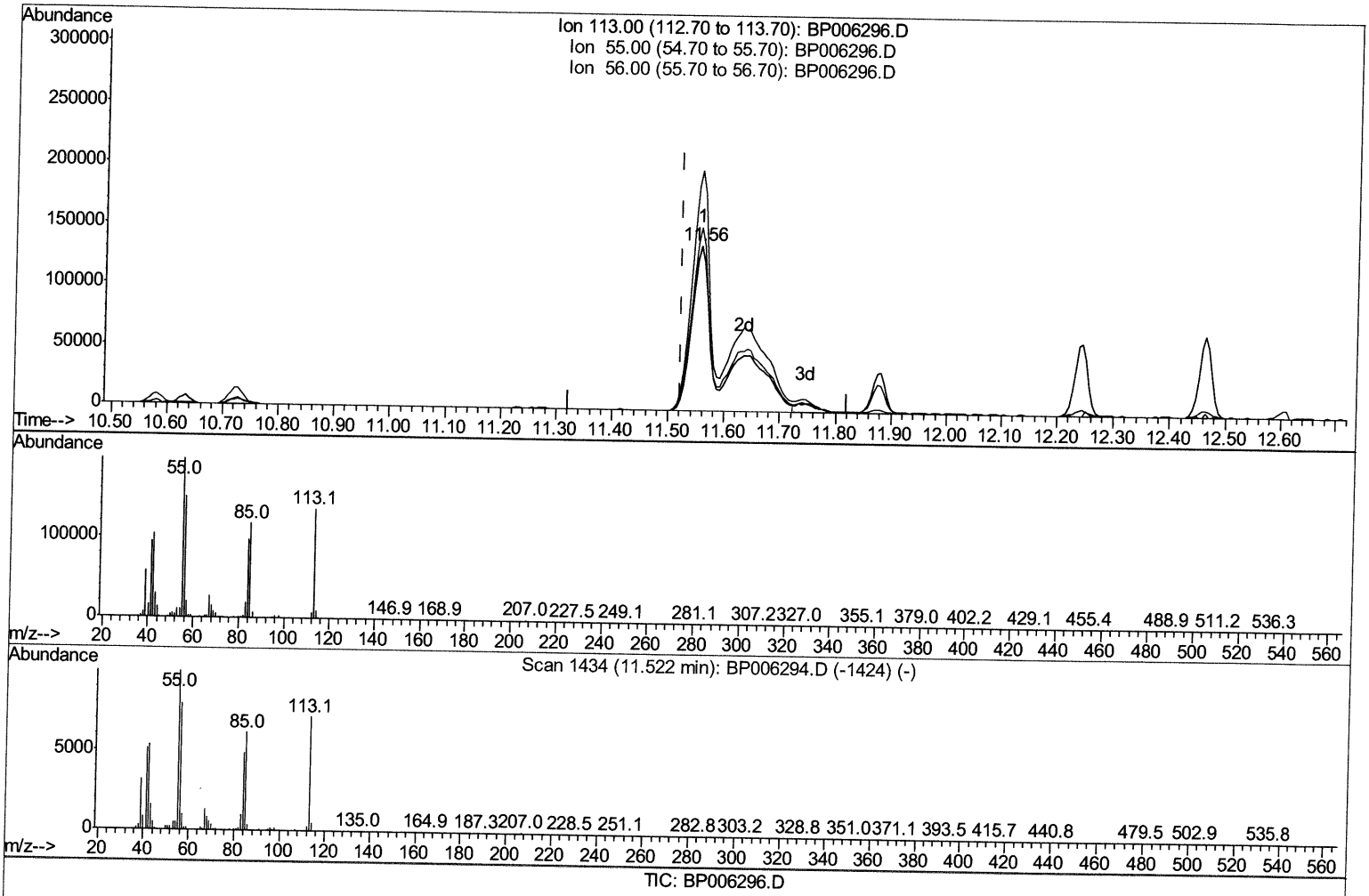

(34) Caprolactam

11.557min (+0.035) 72.86ng/ul m

response 520069

7/27/21

Ion	Exp%	Act%
113.00	100	100
55.00	140.20	145.68
56.00	111.50	111.28
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	7.79	152	298746	20.00	ng/ul	0.00
20) Naphthalene-d8	10.58	136	1321362	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.42	164	759923	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.17	188	1460055	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	1337165	20.00	ng/ul	0.00
88) Perylene-d12	23.62	264	1365187	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	255703	33.84	ng/uL	0.00
4) Pyridine-d5	3.70	84	1953735	105.94	ng/ul	0.00
7) Phenol-d5	6.97	99	2313608	95.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.14	67	1403199	109.70	ng/ul	0.00
11) 2-Chlorophenol-d4	7.33	132	1787808	91.65	ng/ul	0.00
15) 4-Methylphenol-d8	8.51	113	1810782	94.11	ng/ul	0.01
21) Nitrobenzene-d5	8.96	128	872358	86.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.67	143	896375	78.48	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.20	165	1604585	73.04	ng/ul	0.00
31) 4-Chloroaniline-d4	10.73	131	2419940	81.01	ng/ul	0.01
46) Dimethylphthalate-d6	13.85	166	4388232	75.61	ng/ul	0.01
49) Acenaphthylene-d8	14.12	160	5594819	82.55	ng/ul	0.00
54) 4-Nitrophenol-d4	14.64	143	898641	88.02	ng/ul	0.02
60) Fluorene-d10	15.42	176	3668945	73.04	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.55	200	713956	70.04	ng/ul	0.01
73) Anthracene-d10	17.27	188	5364593	78.11	ng/ul	0.00
81) Pyrene-d10	19.52	212	5668501	85.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.47	264	5899212	80.33	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	272165	34.752	ng/uL	96
5) Pyridine	3.72	79	2017795	106.034	ng/ul	99
6) Benzaldehyde	6.95	77	1181789	93.713	ng/ul	99
8) Phenol	7.00	94	2348300	92.781	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.23	93	1814874	94.356	ng/ul	99
12) 2-Chlorophenol	7.36	128	1787751	87.637	ng/ul	99
13) 2-Methylphenol	8.24	108	1718105	89.145	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.33	45	2009589	105.140	ng/ul	99
16) Acetophenone	8.62	105	2699641	85.388	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.63	70	1459519	99.445	ng/ul	98
18) 4-Methylphenol	8.58	108	1832280	89.278	ng/ul	100
19) Hexachloroethane	8.87	117	728109	82.552	ng/ul	95
22) Nitrobenzene	9.00	77	2139893	83.015	ng/ul	97
23) Isophorone	9.53	82	3910497	85.696	ng/ul	99
25) 2-Nitrophenol	9.70	139	962305	77.324	ng/ul	96
26) 2,4-Dimethylphenol	9.77	107	2036346	78.085	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.01	93	2380164	87.675	ng/ul	100
29) 2,4-Dichlorophenol	10.23	162	1538129	71.174	ng/ul	99
30) Naphthalene	10.63	128	5493092	75.448	ng/ul	100
32) 4-Chloroaniline	10.75	127	2372470	78.511	ng/ul	99
33) Hexachlorobutadiene	10.92	225	912200	55.820	ng/ul	99
34) Caprolactam	11.56	113	520069m>	72.862	ng/ul>	

>JU 07/27/21

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.88	107	1842656	80.248 ng/ul	96
36) 2-Methylnaphthalene	12.25	142	3792472	74.136 ng/ul	99
37) 1-Methylnaphthalene	12.46	142	3801513	73.753 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.61	216	1695022	62.053 ng/ul	99
40) Hexachlorocyclopentadiene	12.59	237	1130029	65.167 ng/ul	99
41) 2,4,6-Trichlorophenol	12.86	196	1122539	66.278 ng/ul	98
42) 2,4,5-Trichlorophenol	12.92	196	1225956	67.145 ng/ul	100
43) 1,1'-Biphenyl	13.26	154	4573325	75.606 ng/ul	99
44) 2-Chloronaphthalene	13.30	162	3475583	73.042 ng/ul	100
45) 2-Nitroaniline	13.51	65	1181029	93.499 ng/ul	94
47) Dimethylphthalate	13.90	163	4290541	71.840 ng/ul	100
48) 2,6-Dinitrotoluene	14.01	165	915438	75.669 ng/ul	98
50) Acenaphthylene	14.15	152	5289235	76.063 ng/ul	99
51) 3-Nitroaniline	14.34	138	945355	84.123 ng/ul	96
52) Acenaphthene	14.49	153	3822756	76.661 ng/ul	99
53) 2,4-Dinitrophenol	14.54	184	516823	65.163 ng/ul	95
55) 4-Nitrophenol	14.65	109	703929	73.209 ng/ul	99
56) Dibenzofuran	14.82	168	5030104	70.033 ng/ul	98
57) 2,4-Dinitrotoluene	14.80	165	1288681	75.359 ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.05	232	966660	59.329 ng/ul	97
59) Diethylphthalate	15.27	149	4524072	77.250 ng/ul	98
61) Fluorene	15.47	166	4171153	70.260 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.47	204	1959941	60.872 ng/ul	96
63) 4-Nitroaniline	15.51	138	928214	84.073 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.56	198	695590	67.834 ng/ul#	99
67) N-Nitrosodiphenylamine	15.69	169	3541373	80.774 ng/ul	99
68) 4-Bromophenyl-phenylether	16.37	248	1025053	59.820 ng/ul	99
69) Hexachlorobenzene	16.47	284	1306054	67.929 ng/ul	95
70) Atrazine	16.66	200	1207323	67.807 ng/ul	100
71) Pentachlorophenol	16.82	266	840668	66.545 ng/ul	99
72) Phenanthrene	17.22	178	6232492	75.167 ng/ul	98
74) Anthracene	17.31	178	6310976	75.348 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.22	216	1680137	68.486 ng/uL	99
76) Pentachlorobenzene	14.74	250	1618997	65.806 ng/uL	100
77) Carbazole	17.59	167	5799606	78.867 ng/ul	98
78) Di-n-butylphthalate	18.15	149	7438050	88.772 ng/ul	99
80) Fluoranthene	19.19	202	6958765	83.417 ng/ul	100
82) Pyrene	19.55	202	6991368	81.042 ng/ul	97
83) Butylbenzylphthalate	20.43	149	3400876	109.574 ng/ul	99
84) 3,3'-Dichlorobenzidine	21.20	252	2486087	80.905 ng/ul	99
85) Benzo(a)anthracene	21.26	228	6703552	77.654 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.20	149	5120017	108.127 ng/ul#	96
87) Chrysene	21.31	228	6315897	74.591 ng/ul	97
89) Di-n-octyl phthalate	22.12	149	8513279	97.223 ng/ul	100
90) Benzo(b)fluoranthene	22.92	252	6980568	76.255 ng/ul	99
91) Benzo(k)fluoranthene	22.96	252	6857718	75.527 ng/ul	99
93) Benzo(a)pyrene	23.53	252	6318985	78.532 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.07	276	8182388	80.469 ng/ul	97
95) Dibenzo(a,h)anthracene	26.09	278	6854024	80.603 ng/ul	99
96) Benzo(g,h,i)perylene	26.82	276	6705524	78.481 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