Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011685.D
Acq On : 22 Sep 2017 10:22
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 22 23:38:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02034

Manual Integrations APPROVED
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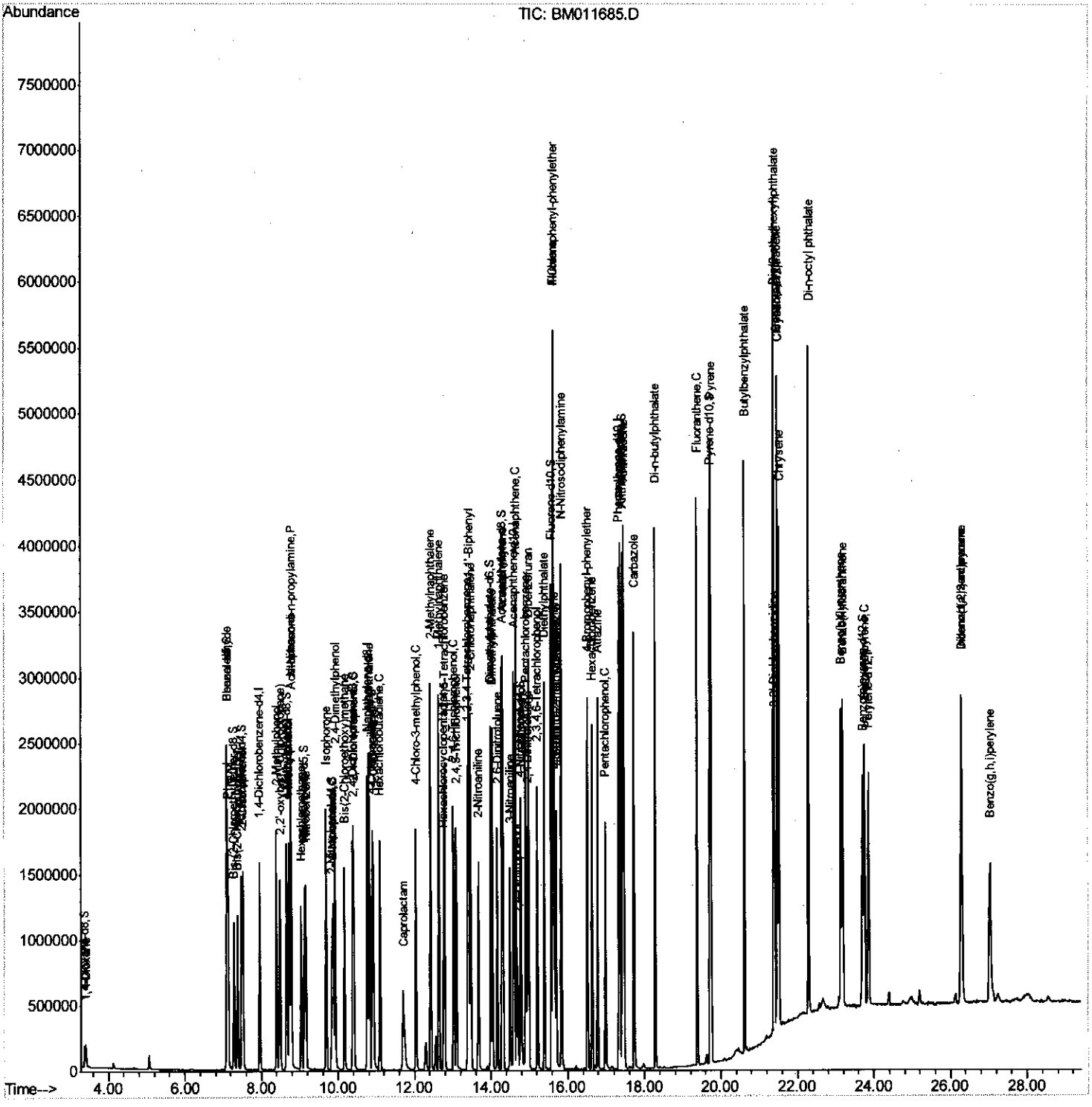

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Sample : SSTDCCC020
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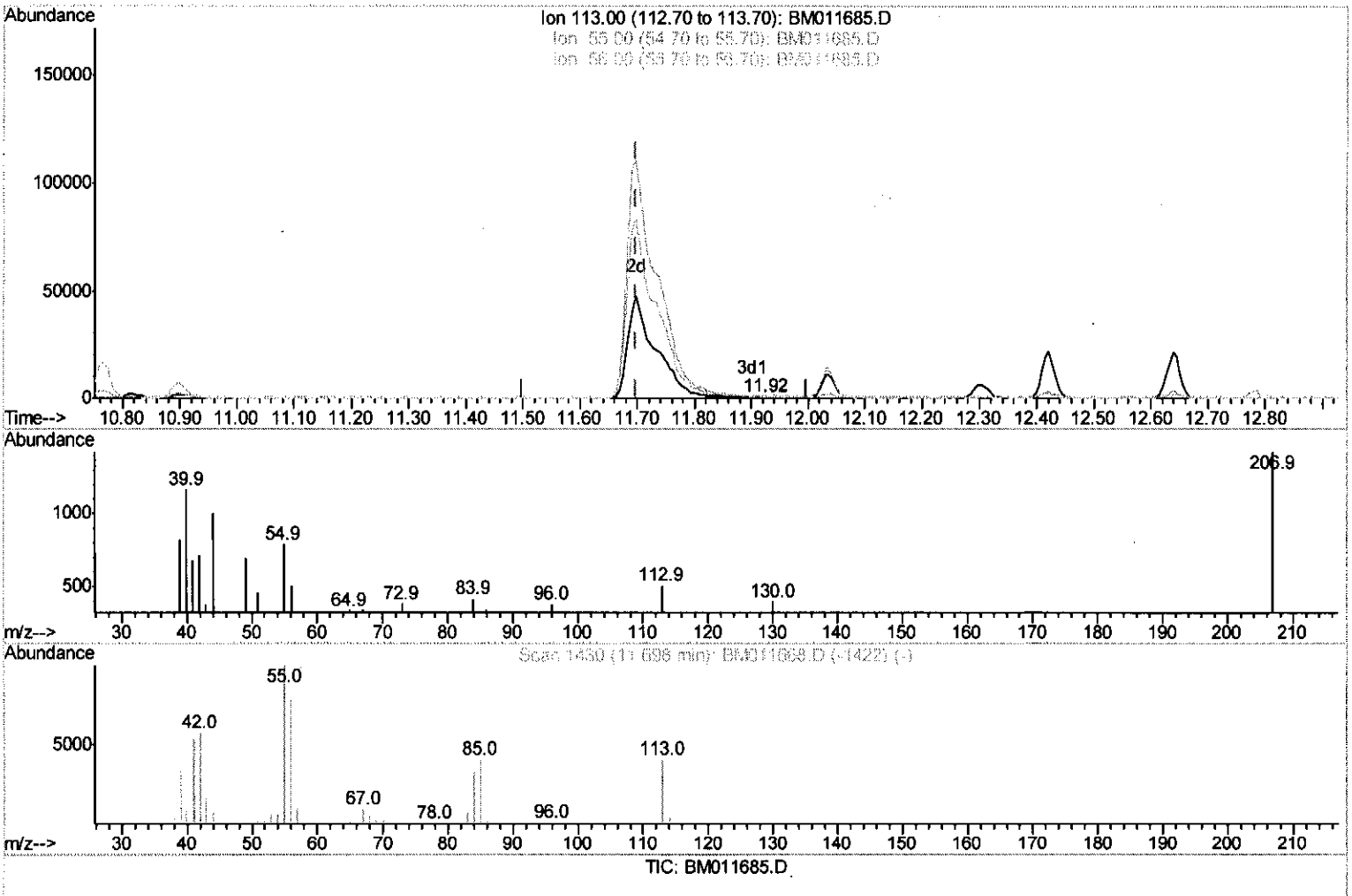

TIC: BM011685.D

(32) Caprolactam

11.922min (+0.223) 0.02ng/ul

response 179

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	156.13
56.00	115.90	98.81
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
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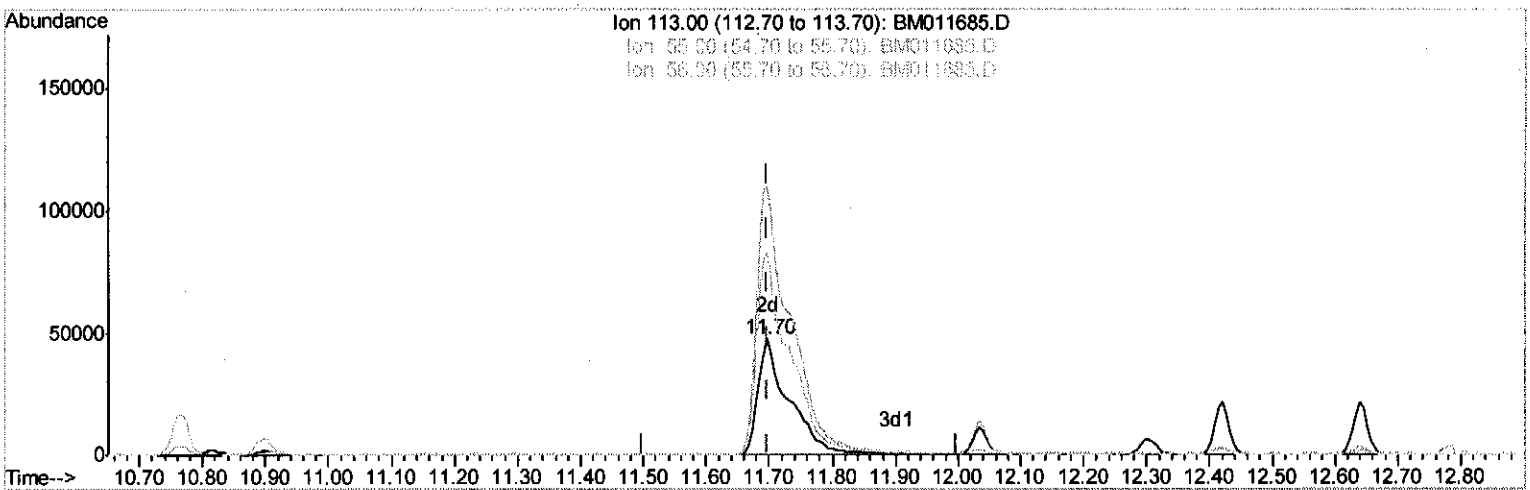

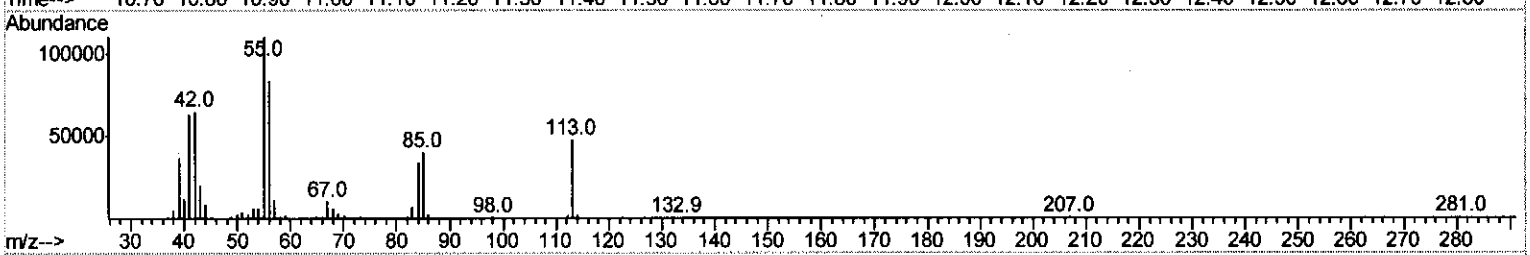

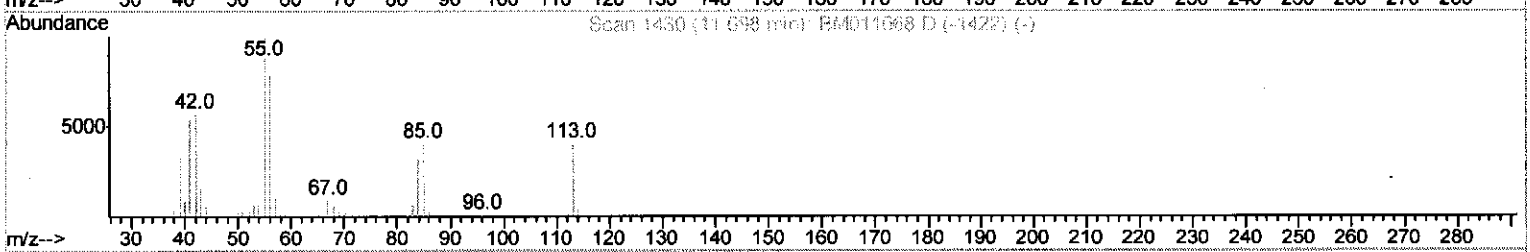

TIC: BM011685.D

(32) Caprolactam

11.698min (-0.000) 18.65ng/ul m JU 10/3/17

response 160952

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	231.73#
56.00	115.90	175.38#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

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Instrument :
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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	7.96	152	391412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1789551	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	979656	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	2068058	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1730016	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1320973	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	63968	7.35	ng/uL	0.00
5) Phenol-d5	7.11	99	741190	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	540481	21.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	585542	20.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	577444	19.68	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	289410	21.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	307874	21.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	571275	20.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	741008	23.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1626576	19.64	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2056565	20.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	279604	17.96	ng/ul	0.00
58) Fluorene-d10	15.58	176	1407974	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	227859	18.94	ng/ul	0.00
71) Anthracene-d10	17.43	188	2073311	20.36	ng/ul	0.00
79) Pyrene-d10	19.72	212	2135775	26.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.71	264	1280571	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	70257	7.366	ng/uL#	59
4) Benzaldehyde	7.10	77	450896	20.995	ng/ul	98
6) Phenol	7.14	94	749158	20.081	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.37	93	588552	20.038	ng/ul#	81
10) 2-Chlorophenol	7.52	128	563368	20.389	ng/ul#	89
11) 2-Methylphenol	8.39	108	557516	19.709	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.49	45	1158950	24.344	ng/ul#	90
14) Acetophenone	8.79	105	911745	20.329	ng/ul#	89
15) N-Nitroso-di-n-propylamine	8.77	70	528694	21.968	ng/ul#	71
16) 4-Methylphenol	8.72	108	611203	19.747	ng/ul	97
17) Hexachloroethane	9.04	117	236502	22.390	ng/ul#	80
20) Nitrobenzene	9.17	77	738162	23.108	ng/ul	98
21) Isophorone	9.69	82	1364156	21.210	ng/ul	96
23) 2-Nitrophenol	9.88	139	313380	21.120	ng/ul	91
24) 2,4-Dimethylphenol	9.93	107	665554	20.963	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	821640	19.592	ng/ul	97
27) 2,4-Dichlorophenol	10.41	162	545710	19.910	ng/ul	98
28) Naphthalene	10.82	128	1830876	19.730	ng/ul	98
30) 4-Chloroaniline	10.92	127	703666	23.606	ng/ul	99
31) Hexachlorobutadiene	11.09	225	357760	22.998	ng/ul	97
32) Caprolactam	11.70	113	160952m	18.654	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	585420	20.146	ng/ul	97
34) 2-Methylnaphthalene	12.42	142	1310725	19.020	ng/ul	100

JU 10/3/17

Quantitation Report (QT Reviewed)

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 08:34:40 2017
Response via : Initial Calibration

Instrument : BNA_M
LabSampleId : SSTD02034

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	1244340	18.958 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.79	216	657745	22.634 ng/ul#	94
38) Hexachlorocyclopentadiene	12.76	237	318037	19.525 ng/ul#	99
39) 2,4,6-Trichlorophenol	13.03	196	438865	22.181 ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	439270	21.896 ng/ul	97
41) 1,1'-Biphenyl	13.43	154	1643125	20.156 ng/ul#	95
42) 2-Chloronaphthalene	13.47	162	1265077	20.624 ng/ul	98
43) 2-Nitroaniline	13.67	65	465513	24.435 ng/ul#	78
45) Dimethylphthalate	14.04	163	1553716	19.594 ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	304364	21.734 ng/ul#	88
48) Acenaphthylene	14.32	152	2051244	20.347 ng/ul	99
49) 3-Nitroaniline	14.50	138	326967	18.935 ng/ul	96
50) Acenaphthene	14.66	153	1349705	19.814 ng/ul	99
51) 2,4-Dinitrophenol	14.70	184	147860	17.089 ng/ul#	63
53) 4-Nitrophenol	14.79	109	229345	22.927 ng/ul#	78
54) Dibenzofuran	14.99	168	1865751	19.581 ng/ul	100
55) 2,4-Dinitrotoluene	14.95	165	423995	20.596 ng/ul#	66
56) 2,3,4,6-Tetrachlorophenol	15.22	232	391512	21.413 ng/ul#	83
57) Diethylphthalate	15.40	149	1590402	19.273 ng/ul	96
59) Fluorene	15.64	166	1542471	19.316 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.63	204	775351	20.723 ng/ul	92
61) 4-Nitroaniline	15.66	138	346204	18.716 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.72	198	231200	18.750 ng/ul#	88
65) N-Nitrosodiphenylamine	15.84	169	1255465	19.930 ng/ul	98
66) 4-Bromophenyl-phenylether	16.52	248	462096	21.877 ng/ul	95
67) Hexachlorobenzene	16.64	284	505271	21.731 ng/ul#	88
68) Atrazine	16.79	200	450441	20.638 ng/ul	98
69) Pentachlorophenol	16.98	266	302545	20.265 ng/ul	98
70) Phenanthrene	17.37	178	2276243	19.747 ng/ul	99
72) Anthracene	17.47	178	2379251	20.115 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	649807	23.580 ng/uL	99
74) Pentachlorobenzene	14.91	250	643733	23.032 ng/uL	98
75) Carbazole	17.73	167	2031646	20.133 ng/ul	97
76) Di-n-butylphthalate	18.28	149	2748647	20.737 ng/ul	100
77) Fluoranthene	19.39	202	2589567	21.841 ng/ul#	94
80) Pyrene	19.74	202	2661704	26.370 ng/ul#	89
81) Butylbenzylphthalate	20.63	149	1210897	26.086 ng/ul	90
82) 3,3'-Dichlorobenzidine	21.42	252	586059	18.654 ng/ul#	99
83) Benzo(a)anthracene	21.49	228	2094394	21.987 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	1824064	25.588 ng/ul#	95
85) Chrysene	21.54	228	1852973	21.457 ng/ul	98
87) Di-n-octyl phthalate	22.30	149	2899525	30.928 ng/ul	100
88) Benzo(b)fluoranthene	23.15	252	1613596	20.305 ng/ul#	97
89) Benzo(k)fluoranthene	23.19	252	1626485	21.311 ng/ul#	95
91) Benzo(a)pyrene	23.76	252	1512925	20.170 ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	26.30	276	1699308	20.594 ng/ul#	89
93) Dibenzo(a,h)anthracene	26.31	278	1450936	20.738 ng/ul#	96
94) Benzo(g,h,i)perylene	27.05	276	1395230	20.880 ng/ul#	94

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

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