Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM051820\
Data File : BM026012.D
Acq On : 18 May 2020 11:02
Operator : MA/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 18 11:40:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 18 11:36:22 2020
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02061

Manual Integrations APPROVED
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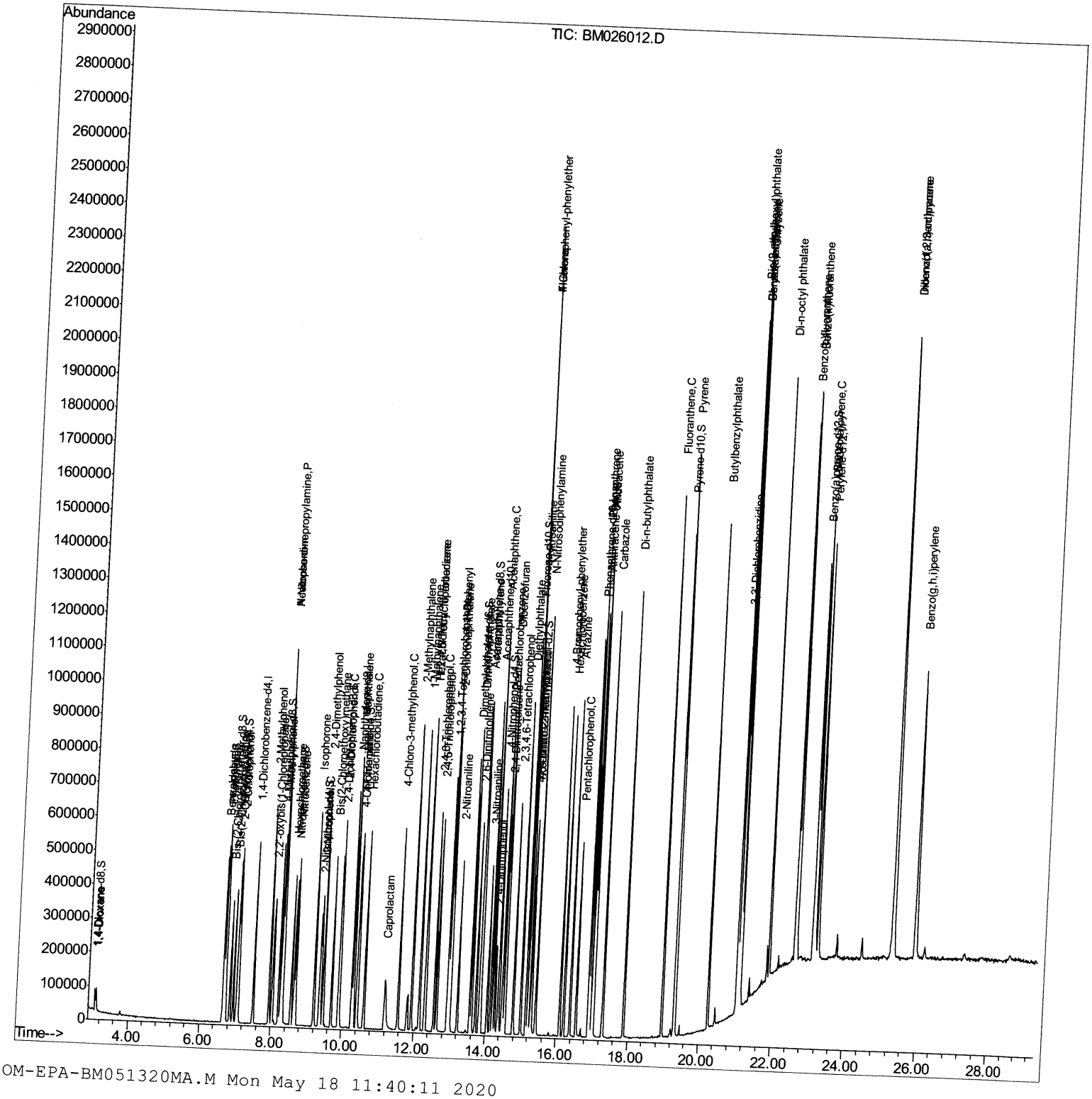

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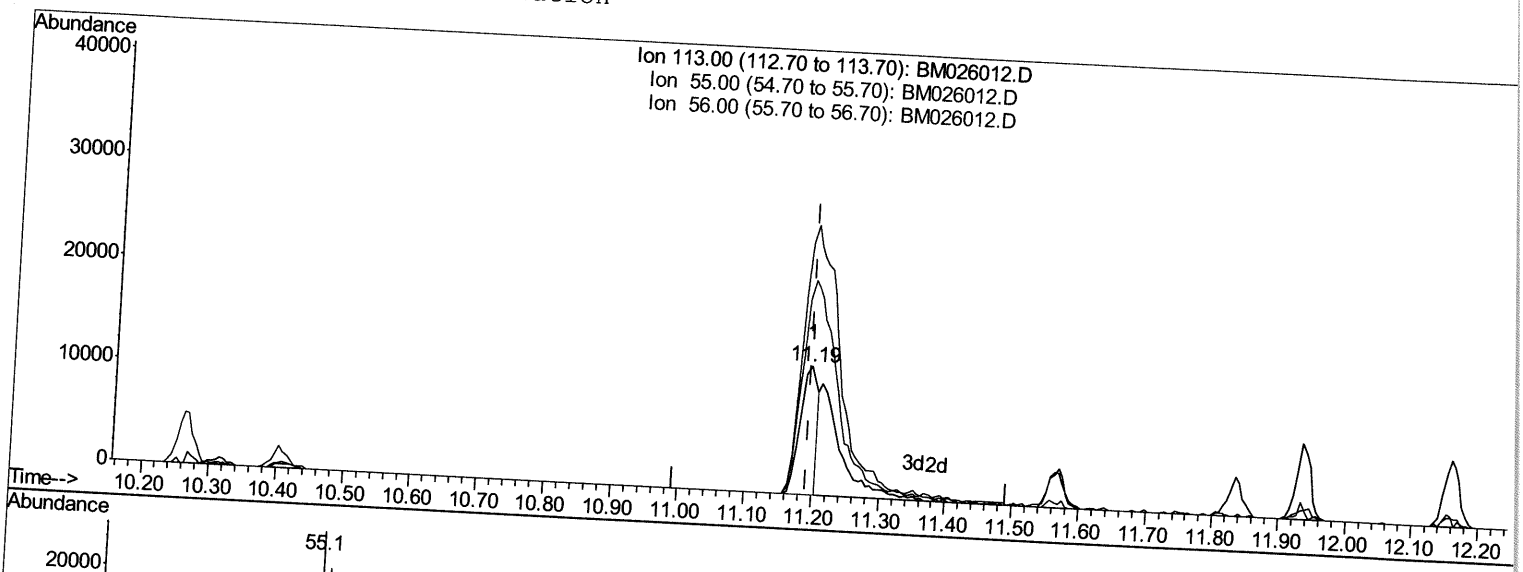

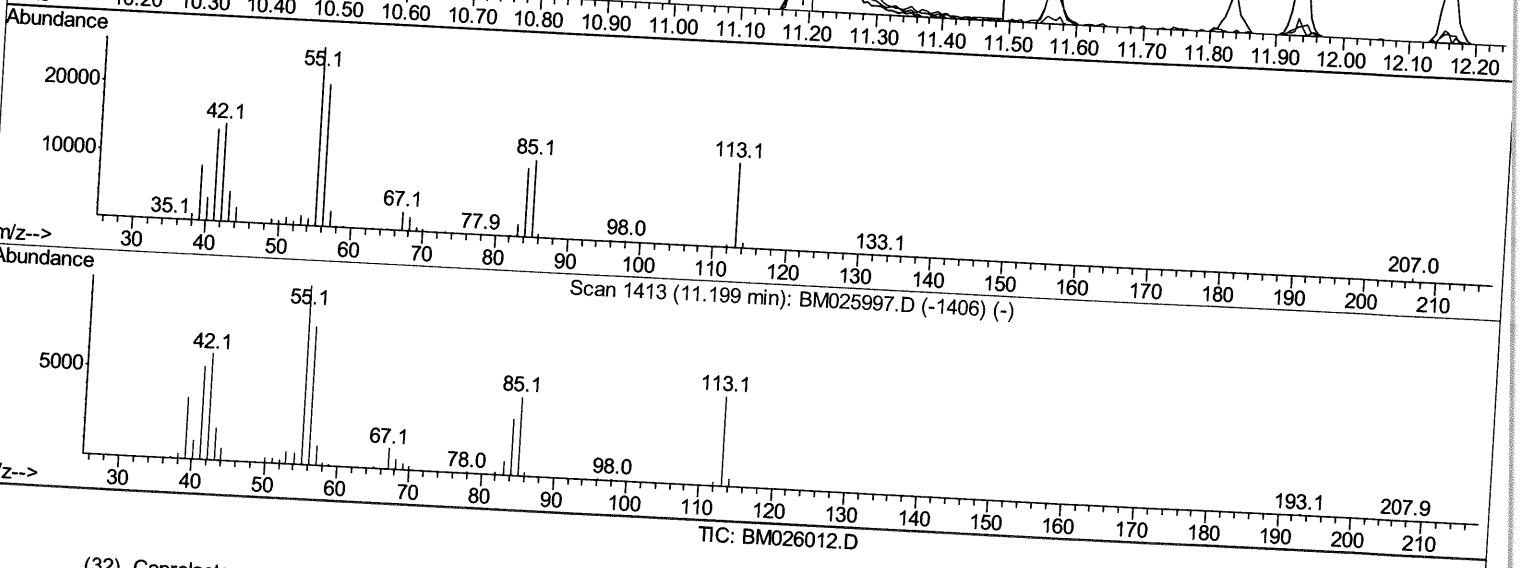

(32) Caprolactam

11.192min (0.000) 9.10ng/ul

response 21119

Ion	Exp%	Act%
113.00	100	100
55.00	200.80	209.82
56.00	143.30	167.32
0.00	0.00	0.00

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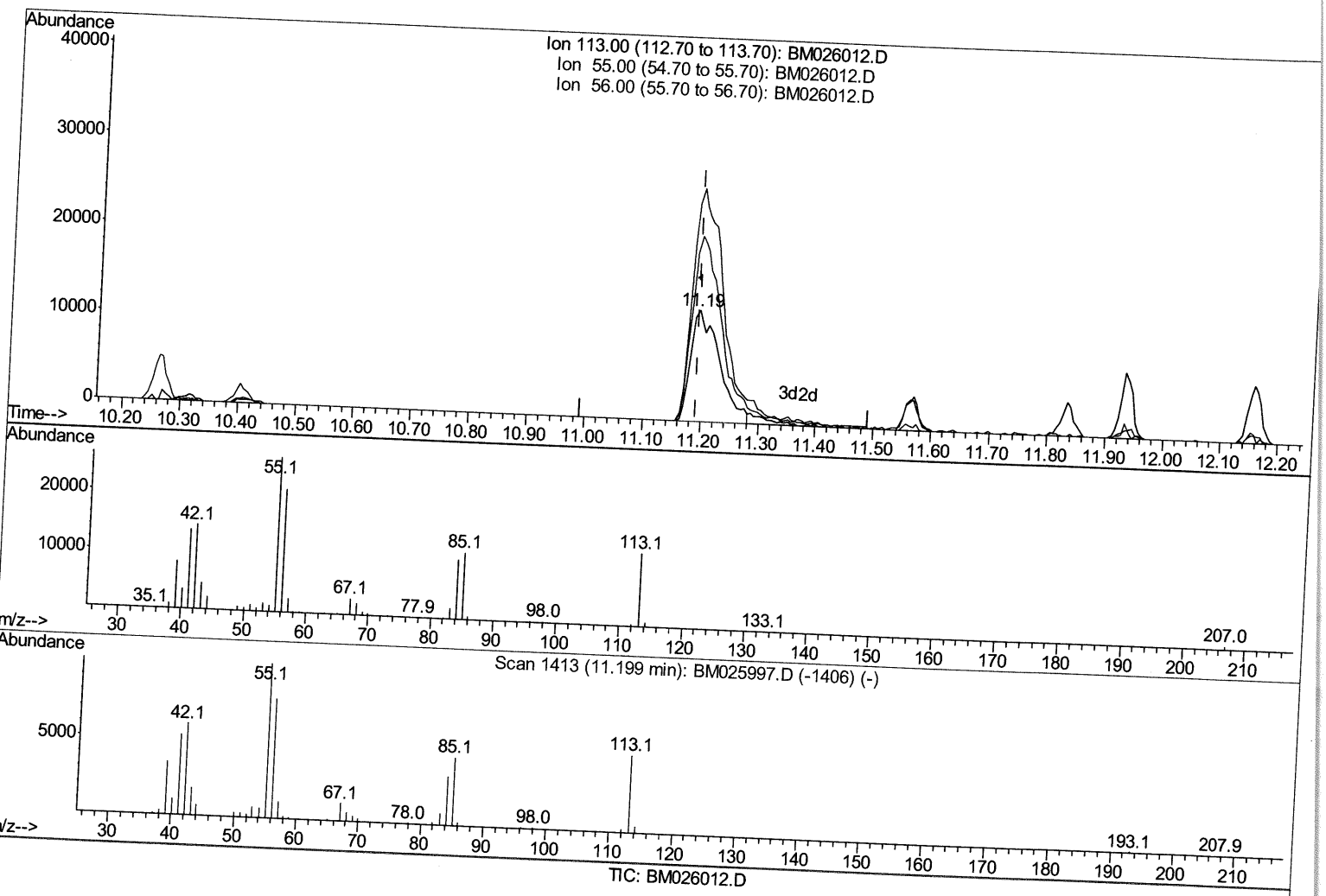

TIC: BM026012.D

(32) Caprolactam

11.192min (0.000) 18.56ng/ul m 05/18/20 AP

response 43090

Ion	Exp%	Act%
113.00	100	100
55.00	200.80	209.82
56.00	143.30	167.32
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	7.50	152	121819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	497022	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	294492	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	632976	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	691409	20.00	ng/ul	0.00
86) Perylene-d12	23.22	264	733949	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	29829	7.39	ng/uL	0.00
5) Phenol-d5	6.69	99	221756	20.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	160201	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.04	132	162244	18.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	168333	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.65	128	79255	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	76148	19.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.90	165	156514	19.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	200048	24.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	446681	18.91	ng/ul	0.00
47) Acenaphthylene-d8	13.83	160	546478	19.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	81860	19.57	ng/ul	0.00
58) Fluorene-d10	15.14	176	403811	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	67463	18.28	ng/ul	0.00
71) Anthracene-d10	16.99	188	606487	19.44	ng/ul	0.00
79) Pyrene-d10	19.29	212	672338	18.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.09	264	765872	19.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	30890	7.362	ng/uL	95
4) Benzaldehyde	6.66	77	161707	22.487	ng/ul	98
6) Phenol	6.72	94	247543	19.982	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.95	93	190730	20.010	ng/ul	98
10) 2-Chlorophenol	7.07	128	181176	19.217	ng/ul	97
11) 2-Methylphenol	7.95	108	170985	20.032	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.03	45	370831	21.434	ng/ul	97
14) Acetophenone	8.32	105	285469	20.431	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.31	70	162669	19.757	ng/ul	97
16) 4-Methylphenol	8.27	108	186465	20.088	ng/ul	96
17) Hexachloroethane	8.56	117	79760	19.720	ng/ul	93
20) Nitrobenzene	8.69	77	242394	19.478	ng/ul	99
21) Isophorone	9.21	82	400538	19.351	ng/ul	99
23) 2-Nitrophenol	9.39	139	90118	19.343	ng/ul	99
24) 2,4-Dimethylphenol	9.47	107	215491	19.361	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.70	93	247849	18.985	ng/ul	99
27) 2,4-Dichlorophenol	9.92	162	163324	19.568	ng/ul	99
28) Naphthalene	10.32	128	574315	18.899	ng/ul	99
30) 4-Chloroaniline	10.43	127	209684	24.592	ng/ul	100
31) Hexachlorobutadiene	10.62	225	109888	19.622	ng/ul	99
32) Caprolactam	11.19	113	43090m	18.562	ng/ul	99
33) 4-Chloro-3-methylphenol	11.56	107	190054	19.661	ng/ul	99
34) 2-Methylnaphthalene	11.94	142	392130	19.185	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	364339	19.213	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	202559	19.190	ng/ul	98
38) Hexachlorocyclopentadiene	12.30	237	119559	19.648	ng/ul	98
39) 2,4,6-Trichlorophenol	12.56	196	120450	19.615	ng/ul	99
40) 2,4,5-Trichlorophenol	12.63	196	132629	19.572	ng/ul	97
41) 1,1'-Biphenyl	12.97	154	498547	19.079	ng/ul	99
42) 2-Chloronaphthalene	13.01	162	380699	18.879	ng/ul	99
43) 2-Nitroaniline	13.22	65	138042	20.311	ng/ul	95
45) Dimethylphthalate	13.62	163	471264	19.007	ng/ul	99
46) 2,6-Dinitrotoluene	13.73	165	90846	19.968	ng/ul	96
48) Acenaphthylene	13.86	152	600371	19.545	ng/ul	99
49) 3-Nitroaniline	14.06	138	90614	22.377	ng/ul	98
50) Acenaphthene	14.21	153	418213	19.306	ng/ul	99
51) 2,4-Dinitrophenol	14.27	184	42878	17.146	ng/ul	95
53) 4-Nitrophenol	14.37	109	79526	21.369	ng/ul	97
54) Dibenzofuran	14.55	168	592434	19.460	ng/ul	98
55) 2,4-Dinitrotoluene	14.52	165	135112	20.039	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.78	232	113063	19.840	ng/ul	94
57) Diethylphthalate	15.00	149	479270	19.548	ng/ul	99
59) Fluorene	15.20	166	481415	19.548	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.20	204	241509	19.651	ng/ul	98
61) 4-Nitroaniline	15.22	138	104874	20.731	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.29	198	74125	19.077	ng/ul	93
65) N-Nitrosodiphenylamine	15.42	169	412260	19.433	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	142786	19.371	ng/ul	96
67) Hexachlorobenzene	16.21	284	159977	19.302	ng/ul	98
68) Atrazine	16.38	200	139868	20.133	ng/ul	99
69) Pentachlorophenol	16.56	266	87304	19.127	ng/ul	97
70) Phenanthrene	16.93	178	771185	19.342	ng/ul	99
72) Anthracene	17.03	178	778173	19.453	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	199769	18.895	ng/uL	100
74) Pentachlorobenzene	14.47	250	192710	19.213	ng/uL	100
75) Carbazole	17.30	167	693607	20.959	ng/ul	100
76) Di-n-butylphthalate	17.89	149	785718	19.824	ng/ul	99
77) Fluoranthene	18.96	202	875640	20.936	ng/ul	98
80) Pyrene	19.32	202	926248	19.083	ng/ul	99
81) Butylbenzylphthalate	20.25	149	335507	19.528	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.02	252	264857	20.918	ng/ul	98
83) Benzo(a)anthracene	21.08	228	915355	19.207	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	527497	19.807	ng/ul	98
85) Chrysene	21.13	228	911477	19.242	ng/ul	100
87) Di-n-octyl phthalate	21.89	149	867802	18.813	ng/ul	100
88) Benzo(b)fluoranthene	22.59	252	933609	18.806	ng/ul	99
89) Benzo(k)fluoranthene	22.63	252	965006	19.461	ng/ul	100
91) Benzo(a)pyrene	23.13	252	854348	19.555	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	1112052	19.612	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	937069	19.516	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	919193	19.422	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