Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006189.D
Acq On : 01 Jul 2016 21:37
Operator : UM/SJ
Sample : SSTD08063
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 02 23:59:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 23:37:13 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08063

Manual Integrations APPROVED
sohil
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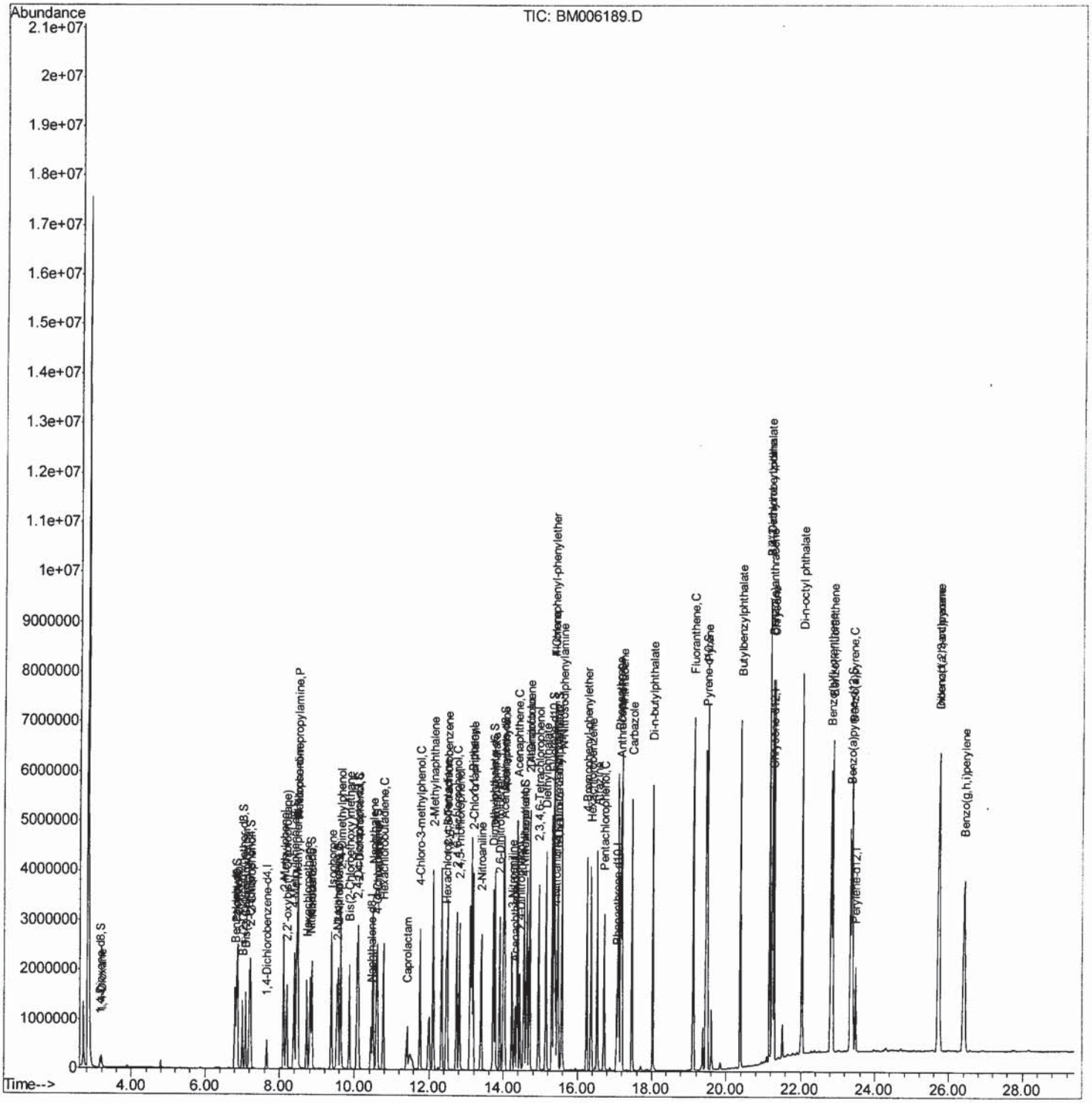

Quantitation Report (Qedit)

Instrument : BNA_M
ClientSampleId : SSTD08063

Manual Integrations APPROVED
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Quant Time: Jul 02 23:40:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 02 23:37:13 2016
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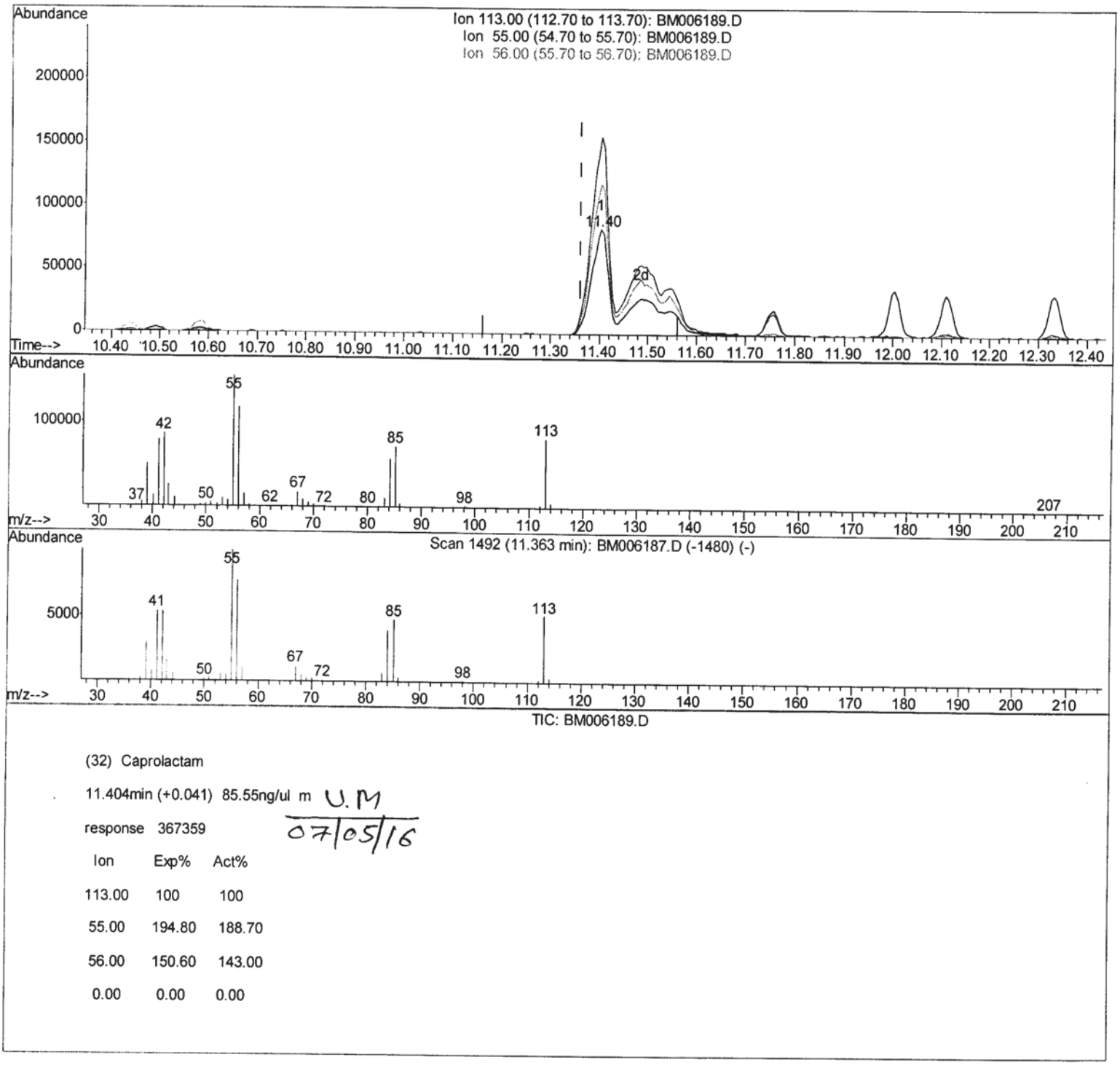

(32) Caprolactam

11.404min (+0.041) 85.55ng/ul m U.M 07/05/16

response 367359

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.70
56.00	150.60	143.00
0.00	0.00	0.00

Quantitation Report (Quan)

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Manual Integrations
APPROVED
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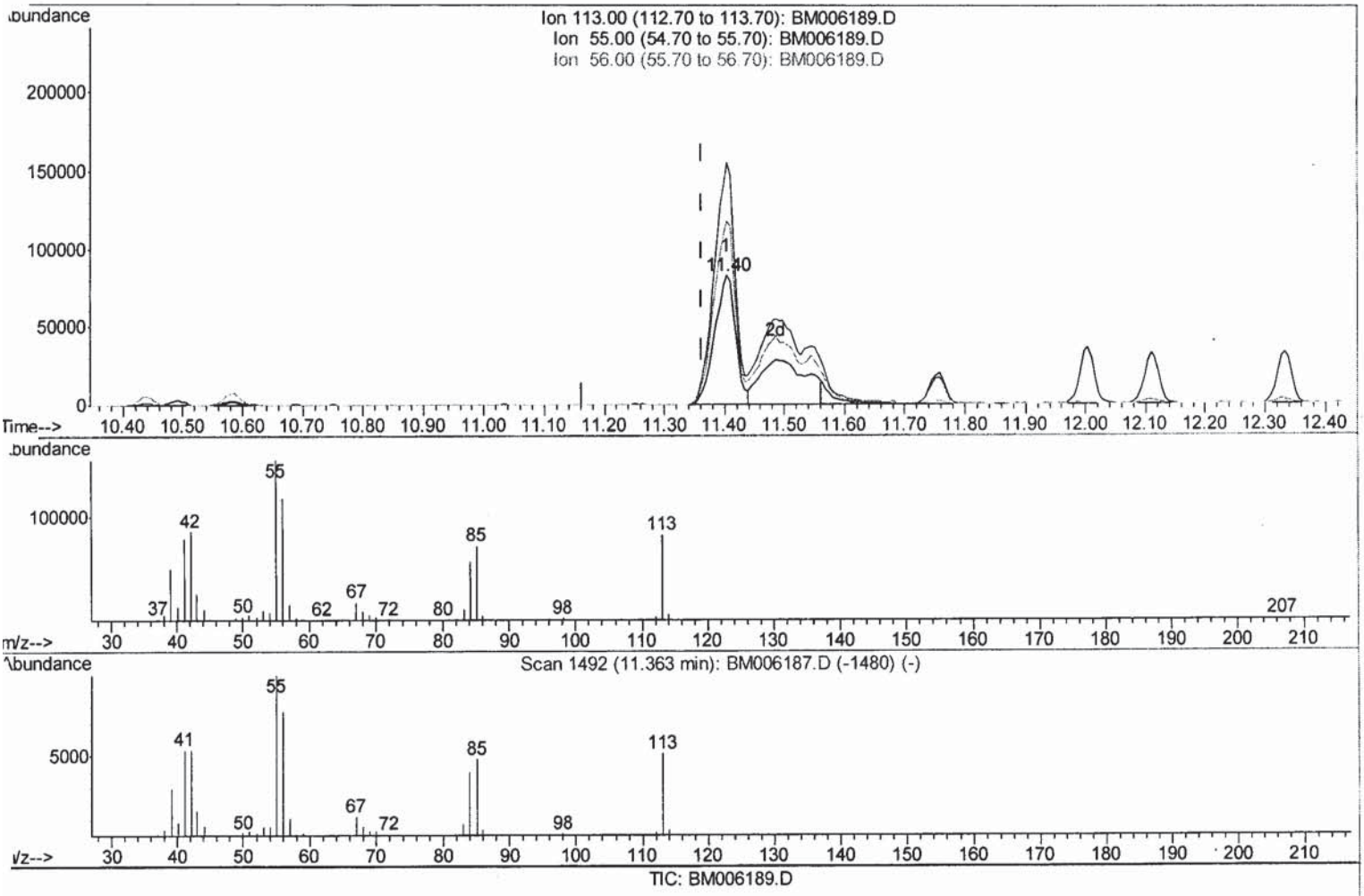

TIC: BM006189.D

(32) Caprolactam

11.404min (+0.041) 46.49ng/ul

response 199611

Ion	Exp%	Act%
113.00	100	100
55.00	194.80	188.70
56.00	150.60	143.00
0.00	0.00	0.00

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	150189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	703156	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	424755	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1006980	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1052054	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1237995	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	102150	26.56	ng/uL	0.00
5) Phenol-d5	6.84	99	1146009	79.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	651038	81.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	842956	76.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	913229	74.83	ng/ul	0.01
19) Nitrobenzene-d5	8.82	128	439563	84.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	499244	87.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	882971	79.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	997022	82.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	2610347	74.22	ng/ul	0.01
46) Acenaphthylene-d8	14.00	160	3176353	75.77	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	537164	75.22	ng/ul	0.02
57) Fluorene-d10	15.31	176	2156099	69.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	484515	88.08	ng/ul	0.00
70) Anthracene-d10	17.16	188	3319764	71.01	ng/ul	0.00
76) Pyrene-d10	19.46	212	3655965	83.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	4061054	72.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	110438	25.96	ng/uL#	28
4) Benzaldehyde	6.80	77	568262	78.55	ng/ul	98
6) Phenol	6.87	94	1192273	78.64	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.09	93	848983	77.40	ng/ul	100
10) 2-Chlorophenol	7.23	128	867302	76.06	ng/ul	99
11) 2-Methylphenol	8.10	108	904434	76.65	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	1272832	81.11	ng/ul	100
14) Acetophenone	8.48	105	1349504	72.63	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.48	70	723930	69.10	ng/ul	97
16) 4-Methylphenol	8.45	108	975526	74.25	ng/ul	98
17) Hexachloroethane	8.72	117	344882	80.88	ng/ul	93
20) Nitrobenzene	8.86	77	1114723	85.31	ng/ul	98
21) Isophorone	9.39	82	2107579	79.92	ng/ul	99
23) 2-Nitrophenol	9.56	139	533305	86.43	ng/ul	99
24) 2,4-Dimethylphenol	9.63	107	1100367	80.87	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	1223538	78.54	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	866952	77.45	ng/ul	97
28) Naphthalene	10.49	128	2658126	74.06	ng/ul	99
30) 4-Chloroaniline	10.61	127	1033205	80.39	ng/ul	98
31) Hexachlorobutadiene	10.77	225	532018	81.95	ng/ul	98
32) Caprolactam	11.40	113	367359m	85.55	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	1054293	76.93	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	1994651	71.02	ng/ul	98

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07/05/16

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	1031995	77.90	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	669449	90.72	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	752744	81.98	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	787158	78.67	ng/ul	97
40) 1,1'-Biphenyl	13.14	154	2492615	72.34	ng/ul	99
41) 2-Chloronaphthalene	13.18	162	1979539	74.62	ng/ul	100
42) 2-Nitroaniline	13.40	65	804288	91.44	ng/ul	95
44) Dimethylphthalate	13.77	163	2571291	71.98	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	593222	83.76	ng/ul	99
47) Acenaphthylene	14.03	152	3276782	75.22	ng/ul	99
48) 3-Nitroaniline	14.23	138	545236	75.05	ng/ul	100
49) Acenaphthene	14.37	153	2065533	70.53	ng/ul	98
50) 2,4-Dinitrophenol	14.45	184	377608	91.95	ng/ul	98
52) 4-Nitrophenol	14.56	109	541909	83.01	ng/ul	93
53) Dibenzofuran	14.72	168	2858956	66.91	ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	799248	75.72	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.95	232	706035	75.46	ng/ul	99
56) Diethylphthalate	15.15	149	2684588	71.14	ng/ul	99
58) Fluorene	15.37	166	2143358	61.18	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.36	204	1046724	61.93	ng/ul	95
60) 4-Nitroaniline	15.41	138	585924	67.37	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.47	198	517894	86.62	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	2121856	73.32	ng/ul	100
65) 4-Bromophenyl-phenylether	16.26	248	793209	76.11	ng/ul	98
66) Hexachlorobenzene	16.37	284	866276	72.13	ng/ul	96
67) Atrazine	16.54	200	862491	82.93	ng/ul	97
68) Pentachlorophenol	16.72	266	562085	75.87	ng/ul	97
69) Phenanthrene	17.10	178	3885846	67.84	ng/ul	99
71) Anthracene	17.20	178	3920868	68.80	ng/ul	99
72) Carbazole	17.47	167	3649109	71.53	ng/ul	99
73) Di-n-butylphthalate	18.03	149	4576393	71.13	ng/ul	99
74) Fluoranthene	19.13	202	4612822	69.37	ng/ul	98
77) Pyrene	19.49	202	4657583	79.80	ng/ul	97
78) Butylbenzylphthalate	20.39	149	2209709	87.84	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.18	252	1337913	66.25	ng/ul	99
80) Benzo(a)anthracene	21.24	228	4541264	72.60	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	2603177	70.91	ng/ul	100
82) Chrysene	21.30	228	4089910	69.77	ng/ul	98
84) Di-n-octyl phthalate	22.04	149	5399554	78.71	ng/ul	99
85) Benzo(b)fluoranthene	22.82	252	4941900	69.67	ng/ul	100
86) Benzo(k)fluoranthene	22.87	252	4352888	62.74	ng/ul	98
88) Benzo(a)pyrene	23.40	252	4821004	68.29	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.74	276	5457474	60.24	ng/ul	99
90) Dibenzo(a,h)anthracene	25.75	278	4338176	57.73	ng/ul	99
91) Benzo(g,h,i)perylene	26.43	276	4974840	63.37	ng/ul	100

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