Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005877.D
Acq On : 21 Jun 2016 03:20
Operator : UM/SJ
Sample : SSTD04037
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 21 05:45:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 21 05:29:43 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD04037

Manual Integrations APPROVED
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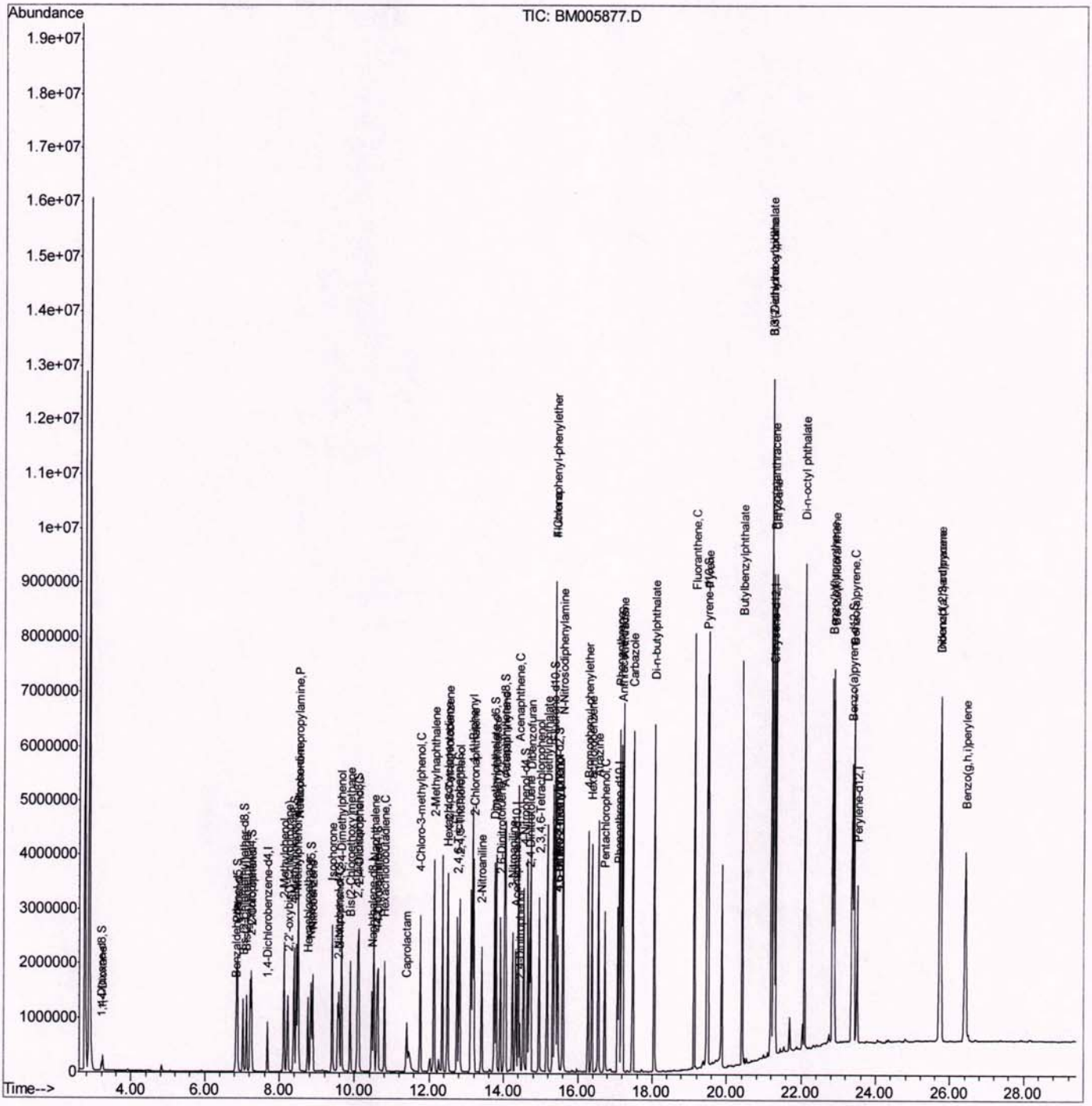

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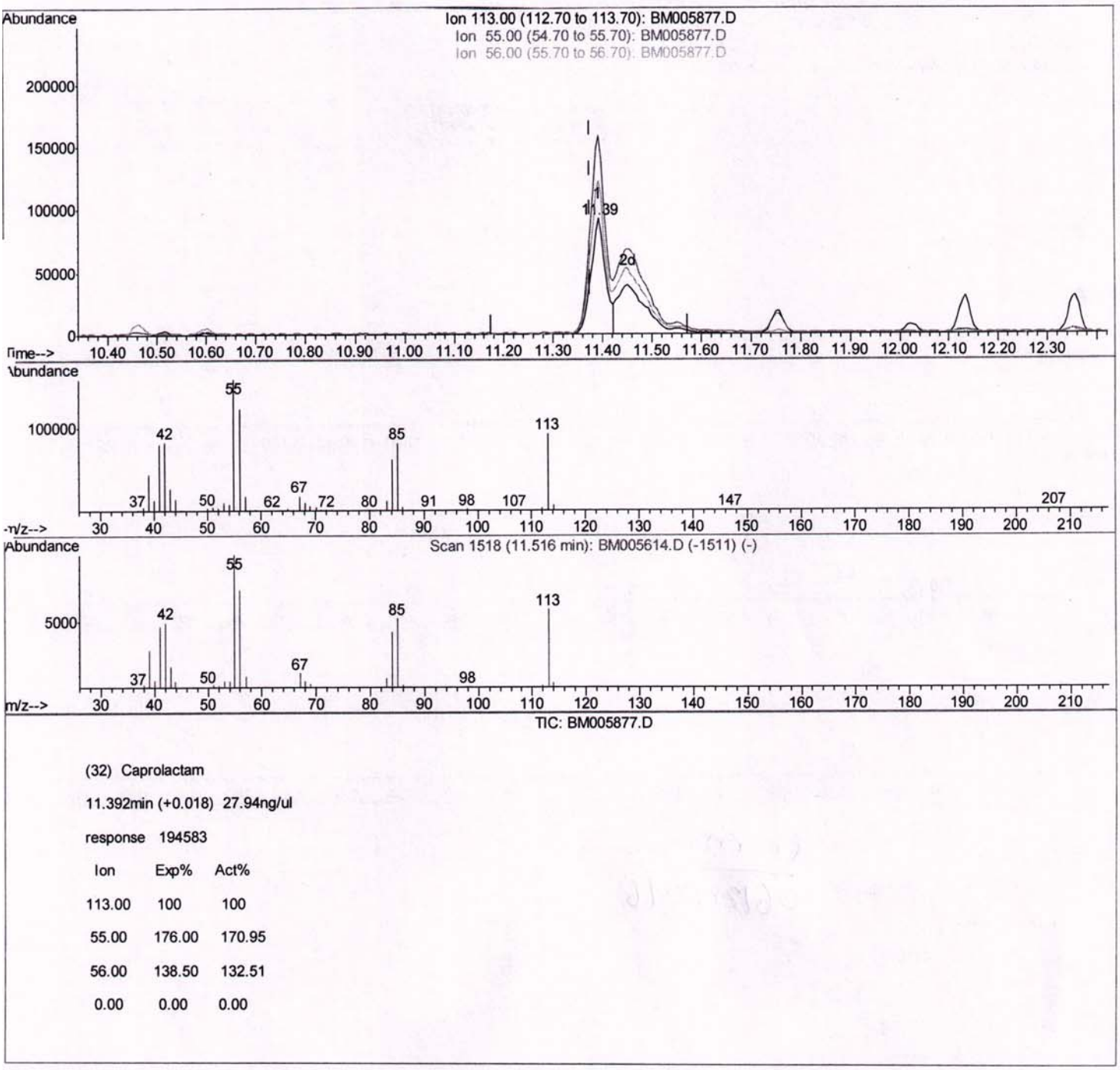

TIC: BM005877.D

(32) Caprolactam

11.392min (+0.018) 27.94ng/ul

response 194583

Ion	Exp%	Act%
113.00	100	100
55.00	176.00	170.95
56.00	138.50	132.51
0.00	0.00	0.00

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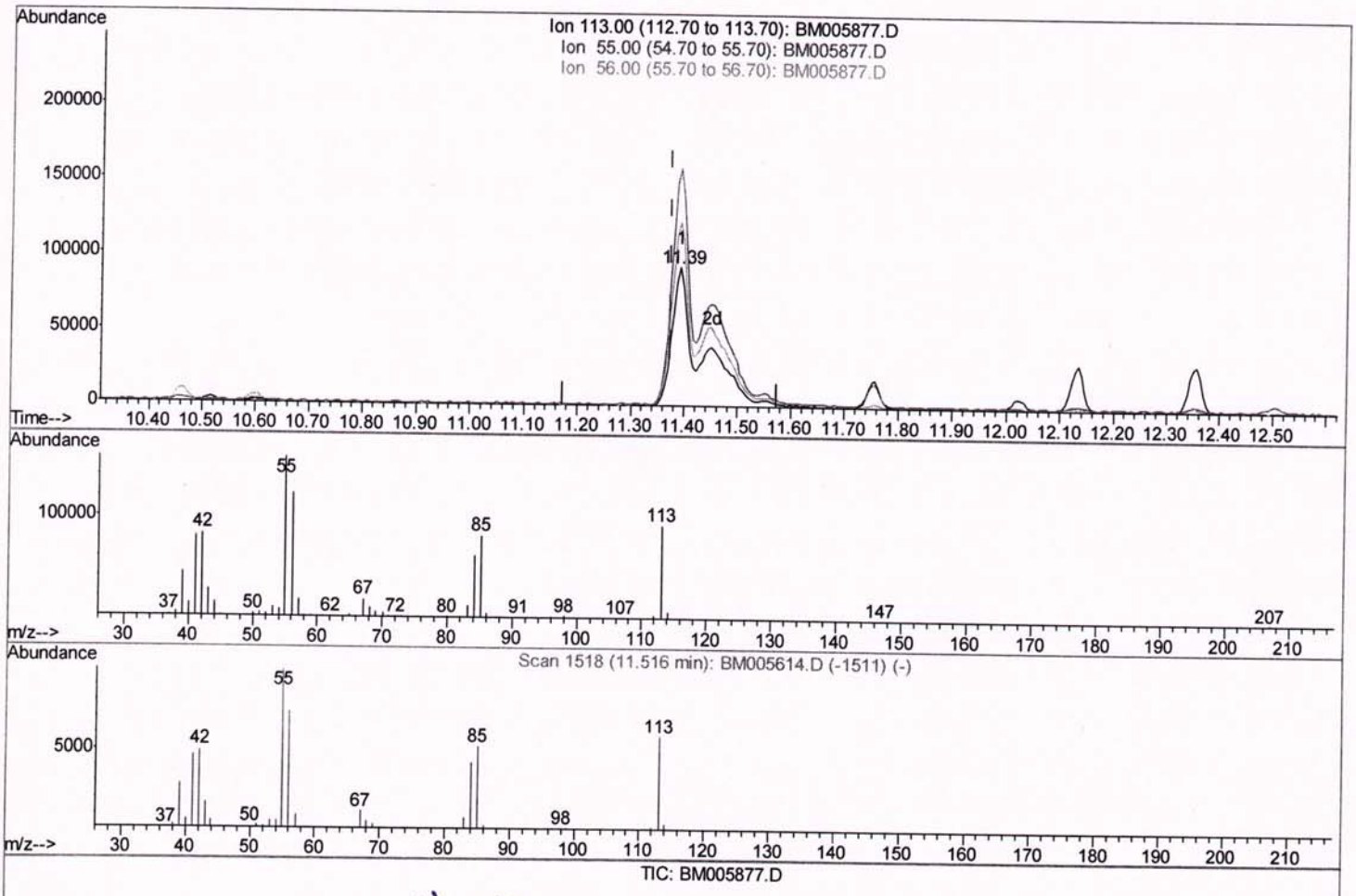

TIC: BM005877.D

(32) Caprolactam

11.392min (+0.018) 51.37ng/ul m

response 357812

Ion	Exp%	Act%
113.00	100	100
55.00	176.00	170.95
56.00	138.50	132.51
0.00	0.00	0.00

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06/22/2016.

Instrument :
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	954288	37.94 ng/ul	97
37) Hexachlorocyclopentadiene	12.49	237	503641	33.39 ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	669253	40.27 ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	739968	40.46 ng/ul	99
40) 1,1'-Biphenyl	13.16	154	2557388	40.29 ng/ul	100
41) 2-Chloronaphthalene	13.20	162	1941691	39.92 ng/ul	100
42) 2-Nitroaniline	13.40	65	651593	44.86 ng/ul	100
44) Dimethylphthalate	13.79	163	2603340	41.78 ng/ul	98
45) 2,6-Dinitrotoluene	13.91	165	501537	41.63 ng/ul	97
47) Acenaphthylene	14.05	152	3234282	40.94 ng/ul	100
48) 3-Nitroaniline	14.23	138	568408	48.96 ng/ul	97
49) Acenaphthene	14.39	153	2109186	40.50 ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	165167	27.36 ng/ul	98
52) 4-Nitrophenol	14.55	109	451172	39.45 ng/ul	97
53) Dibenzofuran	14.73	168	3012623	40.49 ng/ul	97
54) 2,4-Dinitrotoluene	14.70	165	748242	42.60 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.96	232	635152	39.93 ng/ul#	96
56) Diethylphthalate	15.17	149	2793007	43.47 ng/ul	100
58) Fluorene	15.38	166	2310521	38.80 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	1083710	37.07 ng/ul	98
60) 4-Nitroaniline	15.41	138	614318	44.24 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.46	198	335340	33.91 ng/ul	93
64) N-Nitrosodiphenylamine	15.59	169	2213659	40.10 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	775097	38.85 ng/ul	99
66) Hexachlorobenzene	16.38	284	842502	37.23 ng/ul	97
67) Atrazine	16.55	200	800815	39.49 ng/ul	98
68) Pentachlorophenol	16.73	266	502504	38.05 ng/ul	100
69) Phenanthrene	17.12	178	4075020	39.99 ng/ul	99
71) Anthracene	17.21	178	4046457	39.07 ng/ul	99
72) Carbazole	17.48	167	3972943	43.39 ng/ul	100
73) Di-n-butylphthalate	18.06	149	4914771	43.65 ng/ul	99
74) Fluoranthene	19.14	202	4765106	41.29 ng/ul	99
77) Pyrene	19.50	202	4768099	42.46 ng/ul	98
78) Butylbenzylphthalate	20.42	149	2358618	48.71 ng/ul	100
79) 3,3'-Dichlorobenzidine	21.19	252	1576243	45.16 ng/ul	100
80) Benzo(a)anthracene	21.26	228	4686231	41.23 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	3150942	45.79 ng/ul	99
82) Chrysene	21.31	228	4461834	41.38 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	6058649	47.26 ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	5039170	39.93 ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	4872300	40.72 ng/ul	99
88) Benzo(a)pyrene	23.40	252	4831577	39.72 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.74	276	5189280	37.03 ng/ul	98
90) Dibenzo(a,h)anthracene	25.75	278	4274141	36.72 ng/ul	98
91) Benzo(g,h,i)perylene	26.42	276	4454590	37.87 ng/ul	97

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

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6/21/2016 4:25:09 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	231376	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1199201	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	738323	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1768368	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1868292	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	2065117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	85782	15.59	ng/uL	0.00
5) Phenol-d5	6.85	99	1042809	51.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	592157	49.61	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	753021	45.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	864979	51.26	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	359139	39.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	370480	37.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	823565	42.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	779398	39.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	2692910	42.64	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	3205370	41.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	503789	43.62	ng/ul	0.01
57) Fluorene-d10	15.33	176	2194796	40.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	301479	32.20	ng/ul	0.00
70) Anthracene-d10	17.17	188	3369796	39.00	ng/ul	0.00
76) Pyrene-d10	19.47	212	3845378	43.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	4084602	41.02	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	147843	15.42	ng/uL	98
4) Benzaldehyde	6.83	77	127178	12.55	ng/ul	97
6) Phenol	6.87	94	1055606	50.25	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.12	93	786063	49.23	ng/ul	97
10) 2-Chlorophenol	7.25	128	762402	45.73	ng/ul	98
11) 2-Methylphenol	8.12	108	828467	51.63	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	1148903	52.80	ng/ul	98
14) Acetophenone	8.50	105	1266955	49.68	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	702376	51.23	ng/ul	98
16) 4-Methylphenol	8.45	108	912268	51.70	ng/ul	99
17) Hexachloroethane	8.75	117	279283	42.72	ng/ul	99
20) Nitrobenzene	8.87	77	935138	41.39	ng/ul	100
21) Isophorone	9.40	82	2055751	46.28	ng/ul	100
23) 2-Nitrophenol	9.58	139	421290	39.39	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	1008020	43.02	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.89	93	1192925	45.60	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	811629	42.18	ng/ul	98
28) Naphthalene	10.52	128	2547824	41.05	ng/ul	100
30) 4-Chloroaniline	10.62	127	825597	41.23	ng/ul	100
31) Hexachlorobutadiene	10.80	225	432739	35.04	ng/ul	97
32) Caprolactam	11.39	113	357812m	51.37	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	1024697	46.57	ng/ul	96
34) 2-Methylnaphthalene	12.13	142	1959936	42.45	ng/ul	99

U.M. 06/22/2016.