Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM113016\
Data File : BM008122.D
Acq On : 30 Nov 2016 20:58
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 01 03:18:19 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 02:52:19 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02042

Manual Integrations APPROVED
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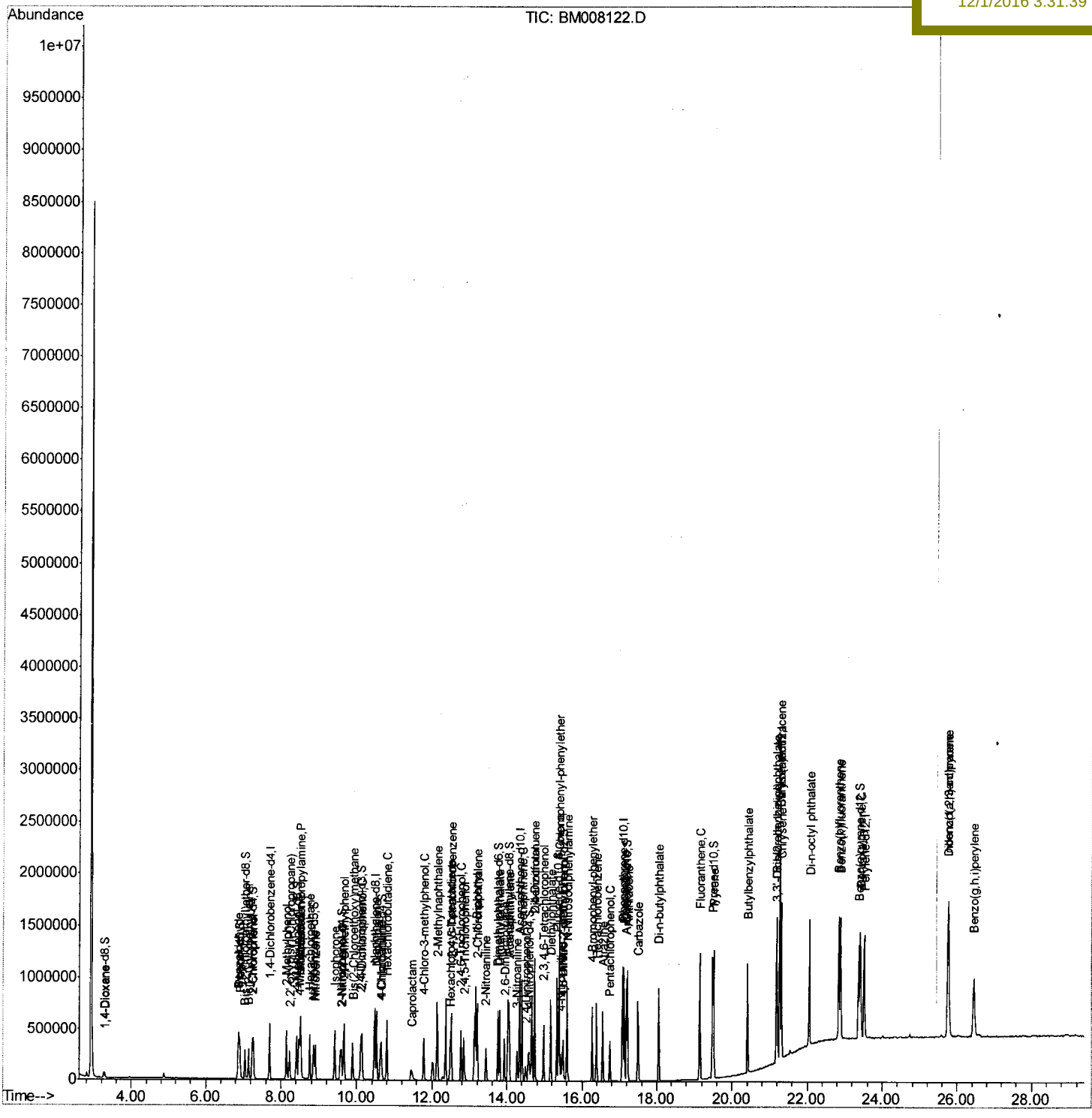

Quantitation Report (Qedit)

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Quant Time: Dec 01 02:55:51 2016
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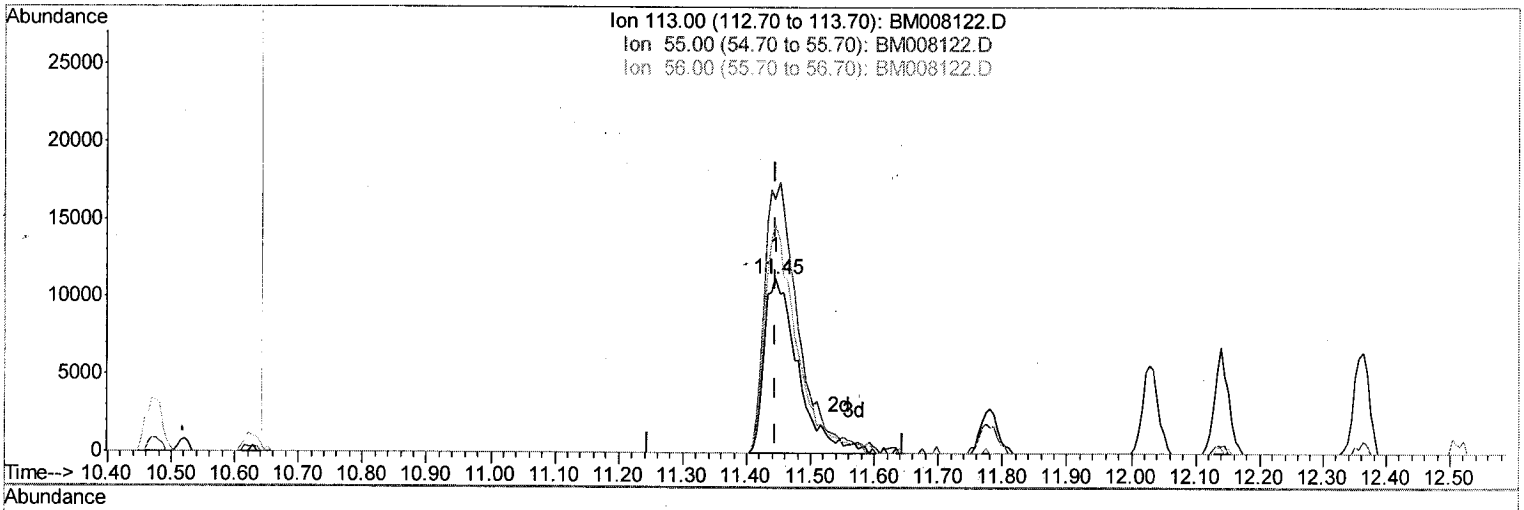

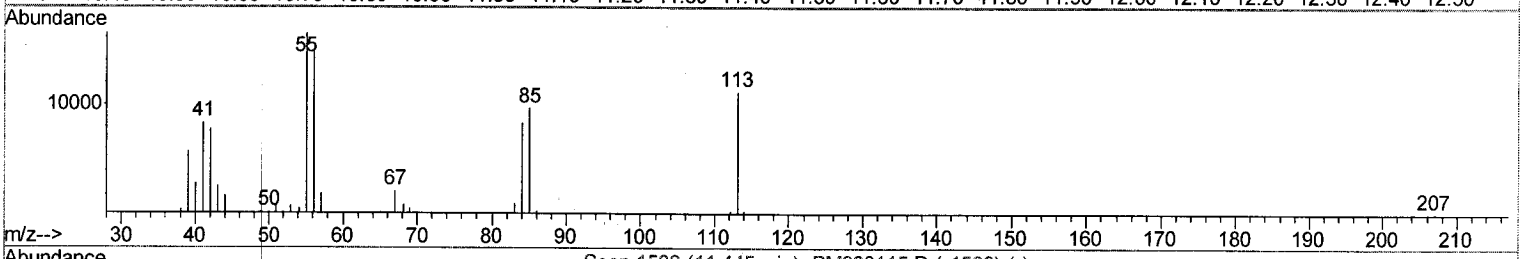

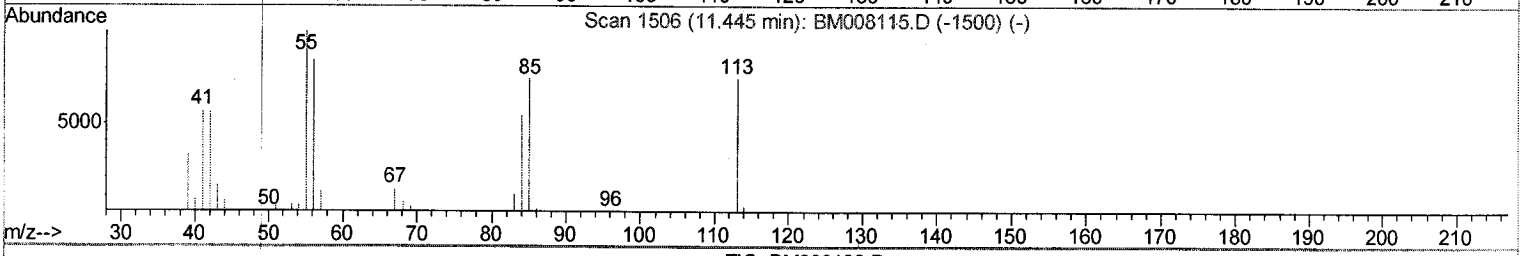

TIC: BM008122.D

(32) Caprolactam

11.445min (0.000) 16.39ng/ul m

response 40895

U.M. 12/06/16

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	145.83
56.00	122.10	131.48
0.00	0.00	0.00

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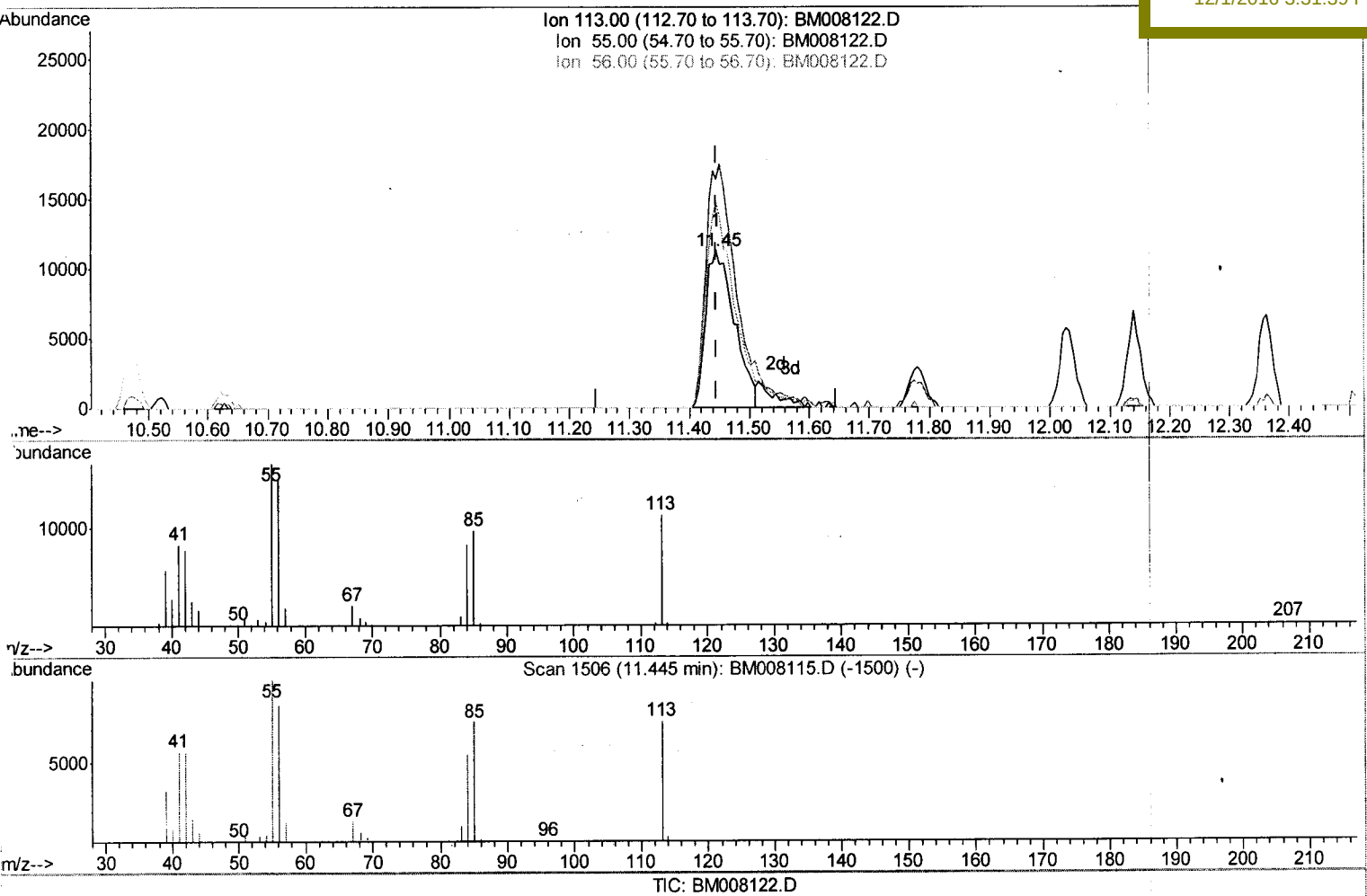

TIC: BM008122.D

(32) Caprolactam

11.445min (0.000) 14.94ng/ul

response 37283

Ion	Exp%	Act%
113.00	100	100
55.00	146.20	145.83
56.00	122.10	131.48
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	222235	20.40	ng/ul	99
37) Hexachlorocyclopentadiene	12.48	237	81073	15.03	ng/ul	98
38) 2,4,6-Trichlorophenol	12.77	196	122425	18.73	ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	132336	19.11	ng/ul	97
40) 1,1'-Biphenyl	13.16	154	473233	20.01	ng/ul	100
41) 2-Chloronaphthalene	13.20	162	361931	20.03	ng/ul	99
42) 2-Nitroaniline	13.43	65	100789	19.53	ng/ul	95
44) Dimethylphthalate	13.80	163	429937	19.39	ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	85250	19.39	ng/ul	97
47) Acenaphthylene	14.06	152	551725	19.67	ng/ul	99
48) 3-Nitroaniline	14.26	138	74375	18.03	ng/ul	94
49) Acenaphthene	14.40	153	379285	19.80	ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	41183	14.83	ng/ul	97
52) 4-Nitrophenol	14.58	109	51654	15.73	ng/ul	97
53) Dibenzofuran	14.74	168	542070	19.89	ng/ul	100
54) 2,4-Dinitrotoluene	14.73	165	120093	19.17	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.97	232	117750	18.94	ng/ul	96
56) Diethylphthalate	15.16	149	421794	17.76	ng/ul	98
58) Fluorene	15.39	166	430991	19.48	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	232461	19.85	ng/ul	98
60) 4-Nitroaniline	15.43	138	70708	17.10	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.50	198	70575	17.73	ng/ul	100
64) N-Nitrosodiphenylamine	15.60	169	362429	19.92	ng/ul	100
65) 4-Bromophenyl-phenylether	16.28	248	145526	20.03	ng/ul	97
66) Hexachlorobenzene	16.39	284	158257	19.79	ng/ul	95
67) Atrazine	16.56	200	133447	18.72	ng/ul	96
68) Pentachlorophenol	16.74	266	79687	17.22	ng/ul	97
69) Phenanthrene	17.13	178	657594	20.17	ng/ul	99
71) Anthracene	17.22	178	678161	20.39	ng/ul	99
72) Carbazole	17.50	167	568865	19.69	ng/ul	99
73) Di-n-butylphthalate	18.05	149	648811	18.95	ng/ul	100
74) Fluoranthene	19.15	202	752799	19.89	ng/ul	99
77) Pyrene	19.52	202	786085	19.51	ng/ul	99
78) Butylbenzylphthalate	20.42	149	289306	18.65	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	276100	19.97	ng/ul	98
80) Benzo(a)anthracene	21.27	228	814776	20.16	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.19	149	427177	18.27	ng/ul	98
82) Chrysene	21.32	228	782383	20.50	ng/ul	99
84) Di-n-octyl phthalate	22.06	149	752659	18.57	ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	831981	19.73	ng/ul	99
86) Benzo(k)fluoranthene	22.89	252	822452	20.69	ng/ul	100
88) Benzo(a)pyrene	23.42	252	807311	19.93	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.76	276	986208	19.96	ng/ul	100
90) Dibenzo(a,h)anthracene	25.77	278	830573	19.93	ng/ul	98
91) Benzo(g,h,i)perylene	26.46	276	819783	19.95	ng/ul	98

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

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12/1/2016 3:31:39 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	149073	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	565274	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	350905	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	651885	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	782940	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	787381	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25043	8.30	ng/uL	0.00
5) Phenol-d5	6.88	99	211953	19.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	126954	19.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	166708	19.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	164779	19.08	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	79959	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	89558	19.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	161612	19.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	159727	19.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	433104	19.15	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	547495	19.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	53321	15.26	ng/ul	0.00
57) Fluorene-d10	15.33	176	383657	19.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	67008	17.31	ng/ul	0.00
70) Anthracene-d10	17.19	188	555323	19.80	ng/ul	0.00
76) Pyrene-d10	19.49	212	621779	19.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	647155	19.73	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27239	7.87	ng/uL#	90
4) Benzaldehyde	6.86	77	162278	20.18	ng/ul	97
6) Phenol	6.90	94	223122	19.55	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	170700	19.71	ng/ul	98
10) 2-Chlorophenol	7.27	128	175172	19.89	ng/ul	99
11) 2-Methylphenol	8.15	108	159356	18.84	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.23	45	196045	20.37	ng/ul	95
14) Acetophenone	8.52	105	267433	19.36	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	139569	19.25	ng/ul	98
16) 4-Methylphenol	8.47	108	176463	19.36	ng/ul	97
17) Hexachloroethane	8.76	117	78795	20.06	ng/ul	92
20) Nitrobenzene	8.90	77	203923	20.21	ng/ul	99
21) Isophorone	9.42	82	356242	19.16	ng/ul	99
23) 2-Nitrophenol	9.60	139	91066	19.34	ng/ul	96
24) 2,4-Dimethylphenol	9.66	107	198418	19.63	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	212637	19.71	ng/ul	96
27) 2,4-Dichlorophenol	10.13	162	160259	19.49	ng/ul	97
28) Naphthalene	10.52	128	524635	19.98	ng/ul	99
30) 4-Chloroaniline	10.65	127	167588	19.87	ng/ul	98
31) Hexachlorobutadiene	10.80	225	133161	20.42	ng/ul	96
32) Caprolactam	11.45	113	40895m	16.39	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	167161	18.91	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	368055	19.58	ng/ul	99

U.M. 12/Dec/16