Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011216\
Data File : BG020674.D
Acq On : 12 Jan 2016 11:00
Operator : SJ/IZ
Sample : SSTD02017
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 12 13:02:10 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 12:43:35 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02017

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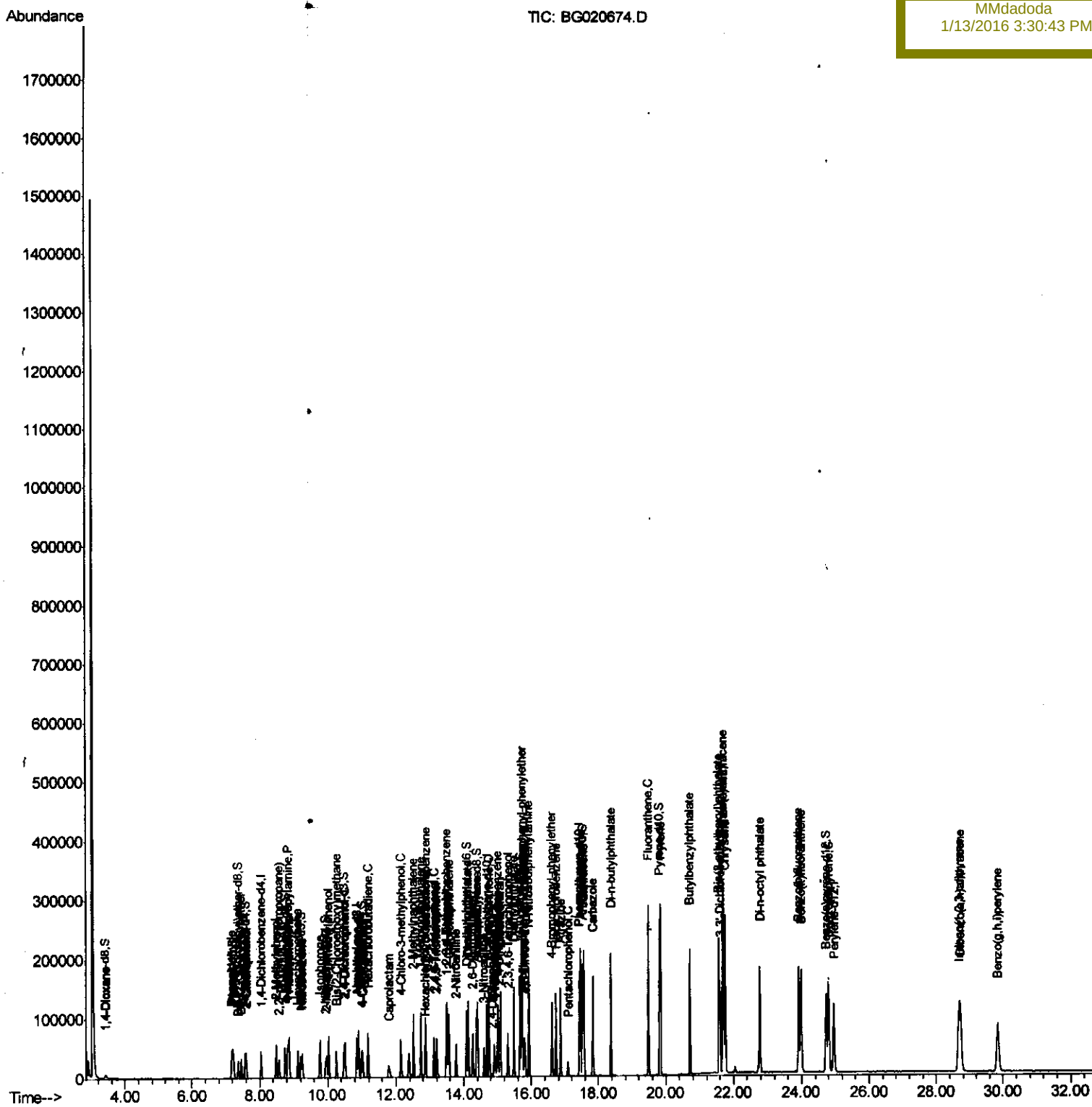

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Data File : BG020674.D
Acq On : 12 Jan 2016 11:00
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Sample : SSTD02017
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Quant Time: Jan 12 12:56:49 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
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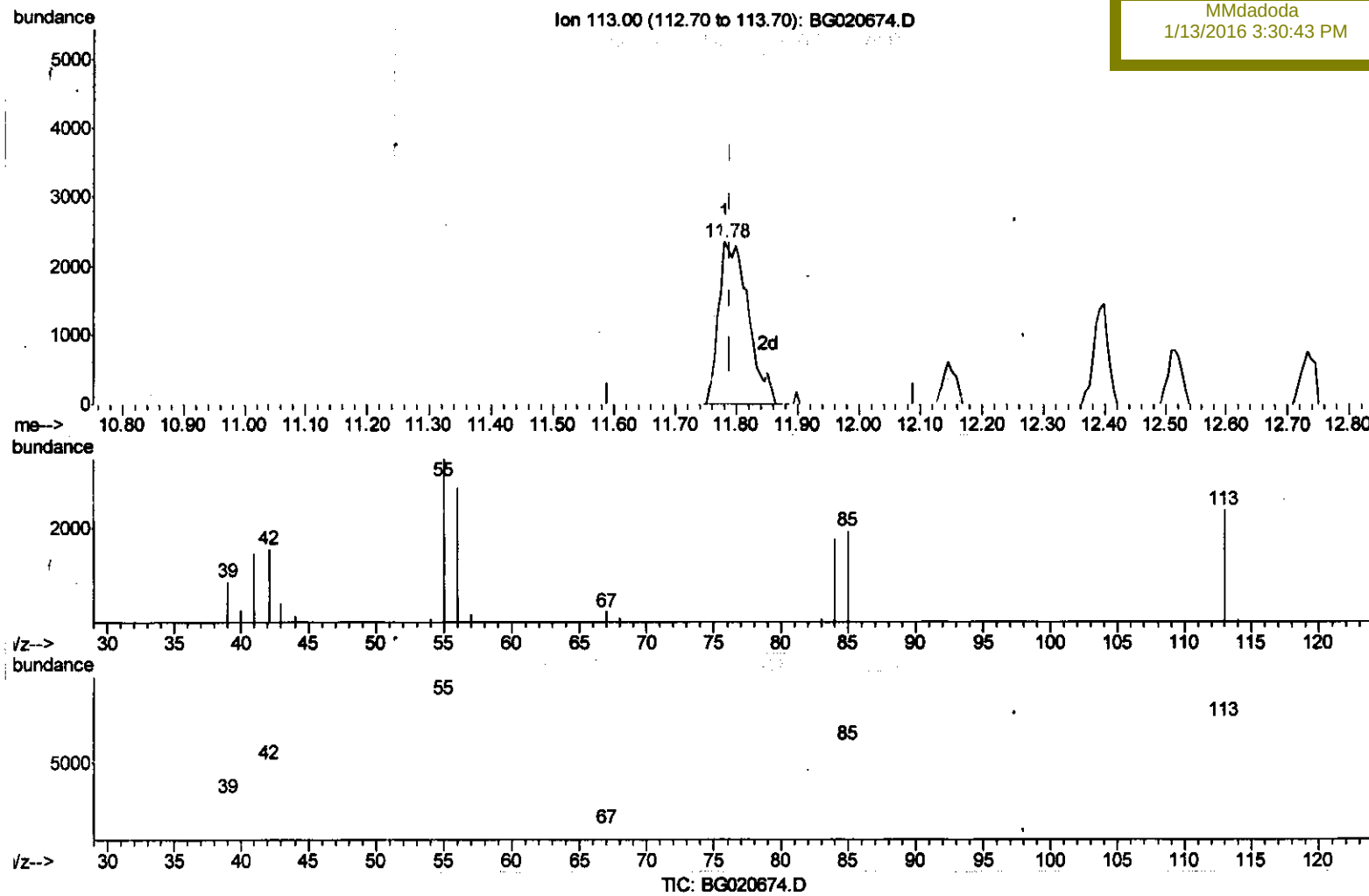

(32) Caprolactam

11.781min (-0.008) 30.99ng/ul m

response 7926

S. J 01/13/16

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	141.71
56.00	115.90	117.44
0.00	0.00	0.00

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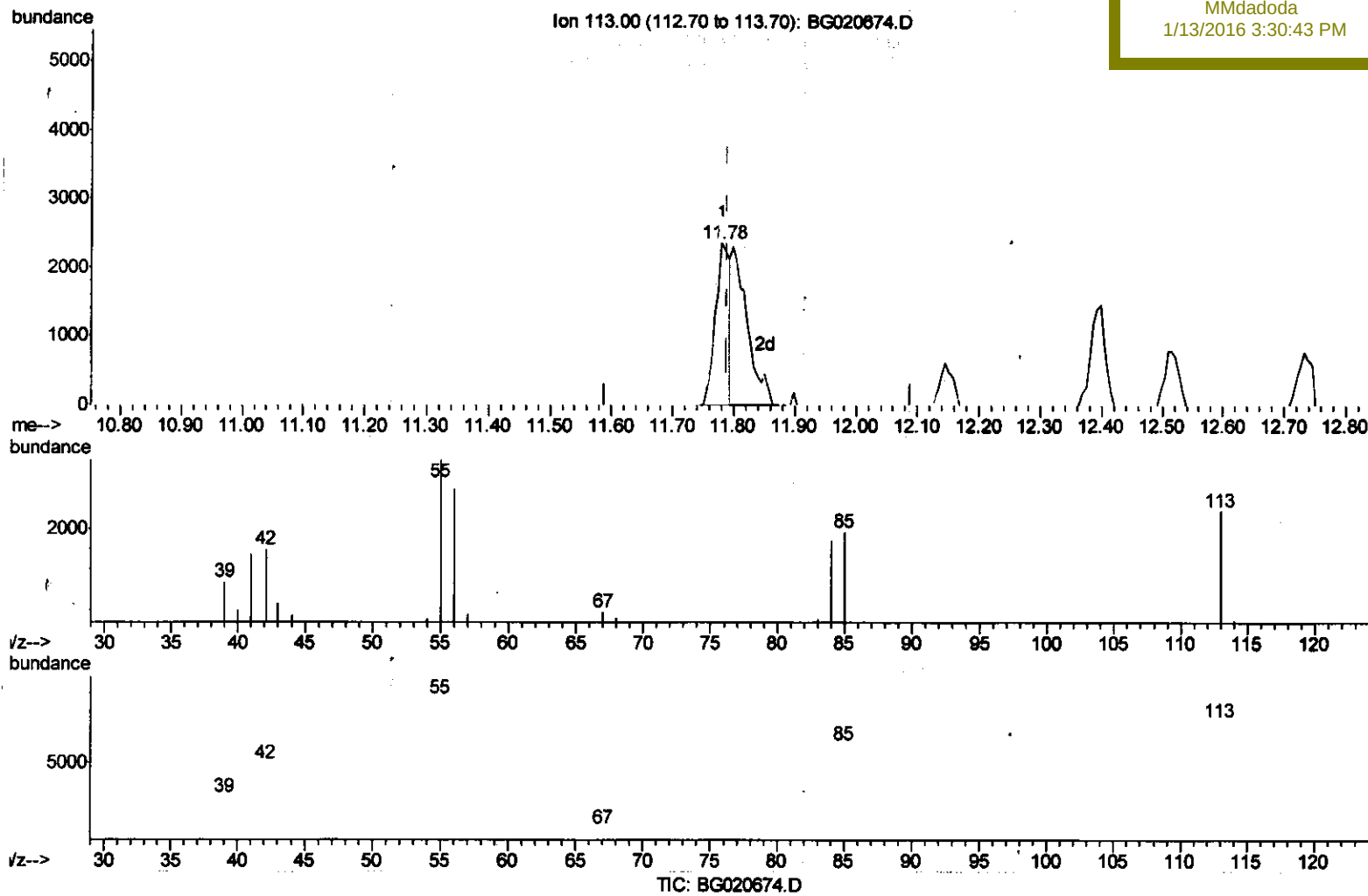

TIC: BG020674.D

(32) Caprolactam

11.781min (-0.008) 14.59ng/ul

response 3731

Ion	Exp%	Act%
113.00	100	100
55.00	164.60	141.71
56.00	115.90	117.44
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)
35) 1-Methylnaphthalene	12.73	142	49774	20.57	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	36181	20.28	ng/ul	98
38) Hexachlorocyclopentadiene	12.86	237	4057	18.41	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.12	196	19877	20.10	ng/ul	97
40) 2,4,5-Trichlorophenol	13.20	196	21108	19.63	ng/ul	98
41) 1,1'-Biphenyl	13.51	154	71714	20.38	ng/ul	96
42) 2-Chloronaphthalene	13.57	162	59202	20.60	ng/ul	98
43) 2-Nitroaniline	13.77	65	17522	20.79	ng/ul	99
45) Dimethylphthalate	14.13	163	85418	20.48	ng/ul#	97
46) 2,6-Dinitrotoluene	14.26	165	16346	19.94	ng/ul	97
48) Acenaphthylene	14.41	152	93635	20.29	ng/ul	99
49) 3-Nitroaniline	14.60	138	14853	20.32	ng/ul	98
50) Acenaphthene	14.75	153	64365	20.30	ng/ul	96
51) 2,4-Dinitrophenol	14.82	184	1996	17.93	ng/ul	93
53) 4-Nitrophenol	14.91	109	9435	21.10	ng/ul	96
54) Dibenzofuran	15.08	168	97323	20.31	ng/ul	98
55) 2,4-Dinitrotoluene	15.05	165	25478	20.38	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.31	232	19998	20.67	ng/ul#	95
57) Diethylphthalate	15.49	149	87495	20.67	ng/ul	98
59) Fluorene	15.73	166	78490	20.17	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.72	204	45767	20.25	ng/ul	97
61) 4-Nitroaniline	15.76	138	18299	21.96	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.82	198	13173	21.31	ng/ul	96
65) N-Nitrosodiphenylamine	15.93	169	71510	20.62	ng/ul	100
66) 4-Bromophenyl-phenylether	16.62	248	30154	20.27	ng/ul	93
67) Hexachlorobenzene	16.74	284	33469	20.24	ng/ul	94
68) Atrazine	16.87	200	32389	20.83	ng/ul	98
69) Pentachlorophenol	17.09	266	7746	21.72	ng/ul#	86
70) Phenanthrene	17.47	178	145404	20.49	ng/ul	100
72) Anthracene	17.57	178	149660	20.86	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	34229	20.19	ng/uL	99
74) Pentachlorobenzene	15.00	250	35892	20.29	ng/uL	98
75) Carbazole	17.84	167	124956	20.56	ng/ul	98
76) Di-n-butylphthalate	18.38	149	152742	20.92	ng/ul	99
77) Fluoranthene	19.48	202	187638	20.60	ng/ul	99
80) Pyrene	19.85	202	198159	20.31	ng/ul	98
81) Butylbenzylphthalate	20.72	149	66183	20.45	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.60	252	62317	20.23	ng/ul	98
83) Benzo(a)anthracene	21.69	228	193355	20.31	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	97731	20.43	ng/ul	100
85) Chrysene	21.75	228	179926	20.15	ng/ul	99
87) Di-n-octyl phthalate	22.78	149	165855	20.60	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	185508	20.92	ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	183055	20.37	ng/ul	98
91) Benzo(a)pyrene	24.81	252	177571	20.32	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.68	276	209502	24.82	ng/ul	99
93) Dibenzo(a,h)anthracene	28.73	278	173622	20.52	ng/ul#	98
94) Benzo(g,h,i)perylene	29.84	276	172313	20.38	ng/ul	98

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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	8.04	152	14259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	59393	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	43474	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	117267	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	149307	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	138387	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	2495	20.58	ng/uL	0.00
5) Phenol-d5	7.20	99	24919	20.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	15329	20.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	20149	20.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	20667	20.09	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10144	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11045	19.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	22650	21.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	20813	20.42	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	79646	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	87762	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	10386	21.75	ng/ul	0.00
58) Fluorene-d10	15.68	176	70946	20.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	12118	21.35	ng/ul	0.00
71) Anthracene-d10	17.53	188	119461	20.43	ng/ul	0.00
79) Pyrene-d10	19.82	212	147635	20.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	153807	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	3221	21.95	ng/uL#	77
4) Benzaldehyde	7.18	77	17005	19.74	ng/ul	96
6) Phenol	7.23	94	26356	20.06	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.46	93	19769	19.95	ng/ul	95
10) 2-Chlorophenol	7.60	128	21585	20.87	ng/ul	95
11) 2-Methylphenol	8.50	108	20397	20.20	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.58	45	26064	20.23	ng/ul	98
14) Acetophenone	8.87	105	35229	20.29	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.85	70	17641	19.80	ng/ul#	98
16) 4-Methylphenol	8.82	108	23062	20.45	ng/ul	97
17) Hexachloroethane	9.13	117	8751	19.82	ng/ul	90
20) Nitrobenzene	9.26	77	26047	20.73	ng/ul	93
21) Isophorone	9.78	82	50293	20.62	ng/ul	97
23) 2-Nitrophenol	9.98	139	12835	20.73	ng/ul	93
24) 2,4-Dimethylphenol	10.03	107	27485	21.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	27571	20.23	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	23619	20.84	ng/ul	96
28) Naphthalene	10.91	128	70185	20.41	ng/ul	96
30) 4-Chloroaniline	11.03	127	23526	21.21	ng/ul	95
31) Hexachlorobutadiene	11.19	225	19541	20.48	ng/ul	95
32) Caprolactam	11.78	113	7926m	30.99	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	25835	20.73	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	51890	20.34	ng/ul	97

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

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