Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
Data File : BM005893.D
Acq On : 21 Jun 2016 15:09
Operator : UM/SJ
Sample : SSTDCCC020EC

Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jun 21 16:01:49 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 21 08:19:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
LabSampleId :
SSTD02041

Manual Integrations APPROVED
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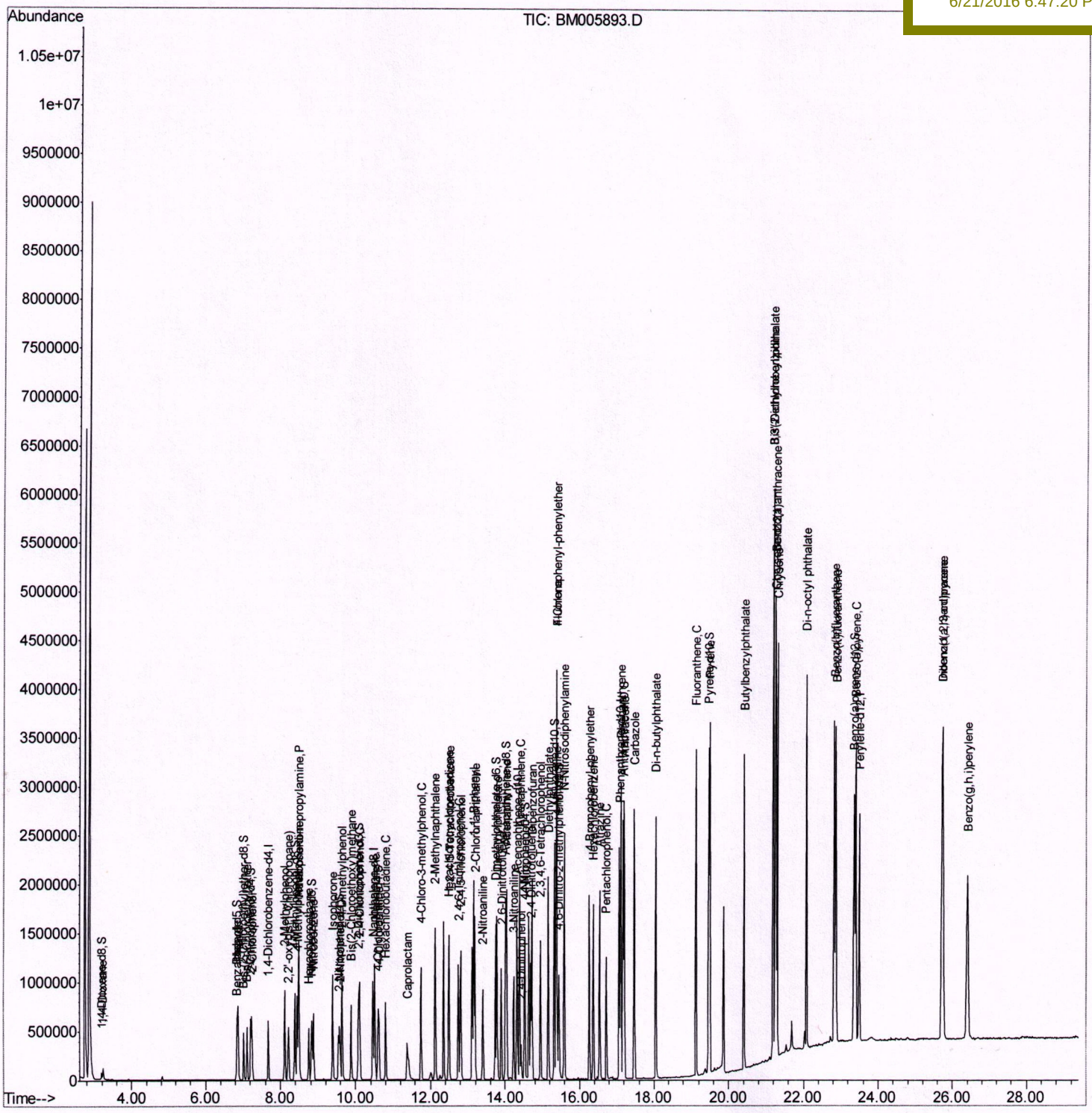

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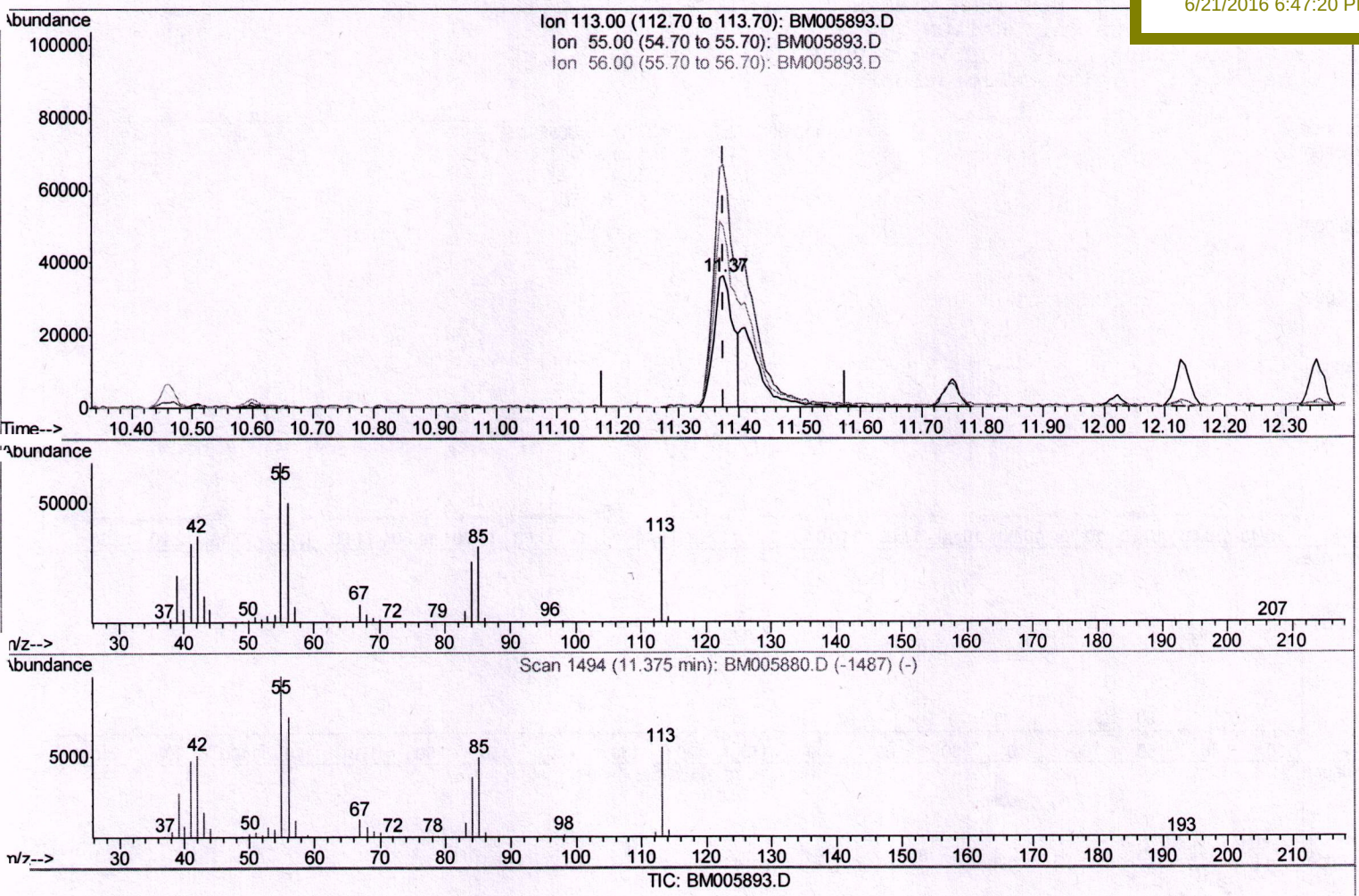

(32) Caprolactam

11.375min (+0.000) 13.19ng/ul

response 80831

Ion	Exp%	Act%
113.00	100	100
55.00	176.00	185.27
56.00	138.50	137.99
0.00	0.00	0.00

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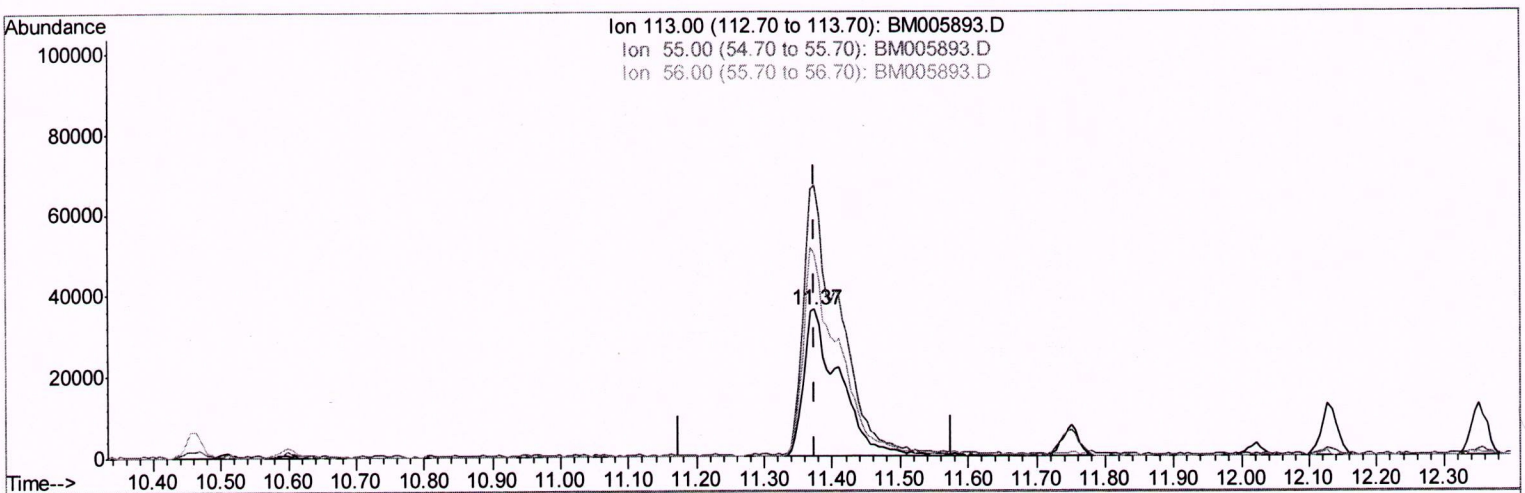

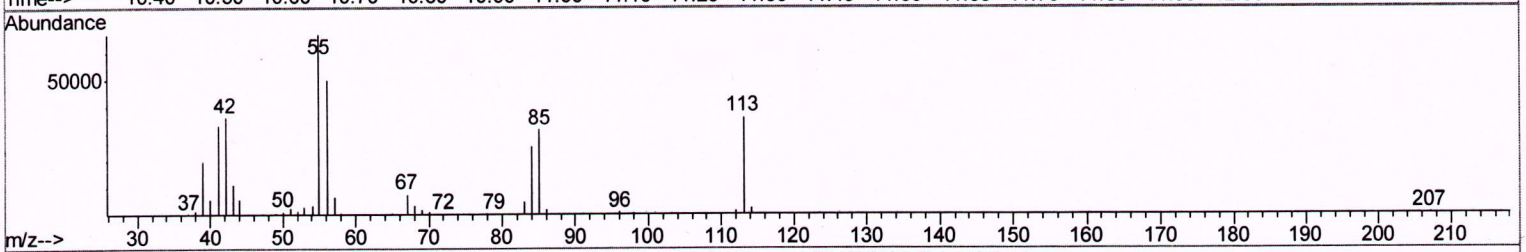

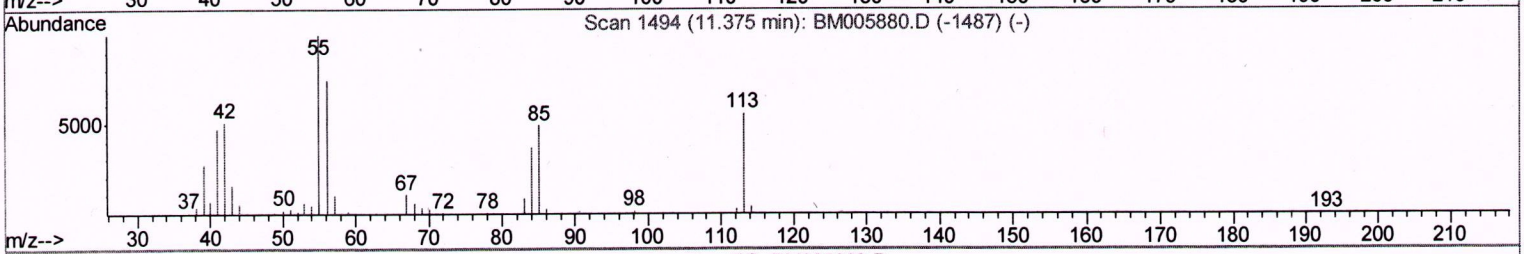

TIC: BM005893.D

(32) Caprolactam

11.375min (+0.000) 21.19ng/ul m

response 129860

Ion	Exp%	Act%
113.00	100	100
55.00	176.00	185.27
56.00	138.50	137.99
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	378978	21.57	ng/ul	98
37) Hexachlorocyclopentadiene	12.49	237	200429	22.95	ng/ul	100
38) 2,4,6-Trichlorophenol	12.75	196	259159	21.43	ng/ul	97
39) 2,4,5-Trichlorophenol	12.82	196	293988	22.10	ng/ul	96
40) 1,1'-Biphenyl	13.16	154	1045650	21.89	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	787650	21.90	ng/ul	99
42) 2-Nitroaniline	13.40	65	264977	24.55	ng/ul	96
44) Dimethylphthalate	13.79	163	1079704	21.75	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	200317	24.21	ng/ul	99
47) Acenaphthylene	14.05	152	1355355	22.05	ng/ul	100
48) 3-Nitroaniline	14.23	138	231877	24.01	ng/ul#	97
49) Acenaphthene	14.39	153	890352	21.91	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	70632	23.06	ng/ul	99
52) 4-Nitrophenol	14.54	109	184776	23.07	ng/ul	95
53) Dibenzofuran	14.73	168	1275363	22.20	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	302027	24.75	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.95	232	253726	22.22	ng/ul	99
56) Diethylphthalate	15.16	149	1158542	21.55	ng/ul	99
58) Fluorene	15.38	166	1023507	22.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.38	204	482761	22.55	ng/ul	97
60) 4-Nitroaniline	15.40	138	253756	23.43	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	144654	24.49	ng/ul#	93
64) N-Nitrosodiphenylamine	15.59	169	944453	21.41	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	329759	21.77	ng/ul	99
66) Hexachlorobenzene	16.38	284	364211	21.77	ng/ul	99
67) Atrazine	16.54	200	321924	21.78	ng/ul	99
68) Pentachlorophenol	16.72	266	209262	23.11	ng/ul	99
69) Phenanthrene	17.12	178	1776967	21.77	ng/ul	99
71) Anthracene	17.20	178	1797421	21.92	ng/ul	100
72) Carbazole	17.48	167	1719946	23.46	ng/ul	100
73) Di-n-butylphthalate	18.05	149	2060208	21.06	ng/ul	99
74) Fluoranthene	19.14	202	2108490	23.99	ng/ul	99
77) Pyrene	19.50	202	2182599	20.88	ng/ul	97
78) Butylbenzylphthalate	20.42	149	969298	19.96	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.19	252	742890	24.58	ng/ul	100
80) Benzo(a)anthracene	21.26	228	2186366	21.33	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1415469	20.65	ng/ul	99
82) Chrysene	21.31	228	2096019	21.65	ng/ul	100
84) Di-n-octyl phthalate	22.08	149	2578558	21.87	ng/ul	96
85) Benzo(b)fluoranthene	22.83	252	2325762	20.90	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	2284666	21.90	ng/ul	99
88) Benzo(a)pyrene	23.40	252	2259608	21.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.73	276	2562763	23.91	ng/ul	99
90) Dibenzo(a,h)anthracene	25.74	278	2121971	24.14	ng/ul	99
91) Benzo(g,h,i)perylene	26.41	276	2161637	23.96	ng/ul	98

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

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	156059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	824410	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	538132	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1344254	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1555796	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1684135	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	32900	8.25	ng/uL	0.00
5) Phenol-d5	6.85	99	376303	21.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	224436	22.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	268182	21.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	319024	22.16	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	134710	22.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	136928	22.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	305641	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	284715	21.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	1090987	21.39	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1320949	21.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	202069	22.97	ng/ul	0.00
57) Fluorene-d10	15.32	176	940913	22.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	131754	24.33	ng/ul	0.00
70) Anthracene-d10	17.17	188	1489296	21.85	ng/ul	0.00
76) Pyrene-d10	19.47	212	1705858	20.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1856565	21.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	57107	8.29	ng/uL	98
4) Benzaldehyde	6.83	77	37483	18.56	ng/ul	96
6) Phenol	6.87	94	385282	22.12	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	292648	22.23	ng/ul	98
10) 2-Chlorophenol	7.24	128	276496	21.38	ng/ul	97
11) 2-Methylphenol	8.12	108	304046	22.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	428477	22.28	ng/ul	98
14) Acetophenone	8.50	105	497193	23.46	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.49	70	271738	22.39	ng/ul	96
16) 4-Methylphenol	8.45	108	338974	22.34	ng/ul	98
17) Hexachloroethane	8.75	117	103718	21.32	ng/ul	100
20) Nitrobenzene	8.87	77	362314	22.97	ng/ul	99
21) Isophorone	9.39	82	763260	20.98	ng/ul	99
23) 2-Nitrophenol	9.58	139	154881	22.96	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	389361	21.76	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.88	93	457947	21.38	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	306909	21.85	ng/ul	98
28) Naphthalene	10.51	128	987432	21.68	ng/ul	99
30) 4-Chloroaniline	10.62	127	305574	22.04	ng/ul	100
31) Hexachlorobutadiene	10.80	225	166554	21.69	ng/ul	96
32) Caprolactam	11.37	113	129860m	21.19	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	396801	21.83	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	769006	21.81	ng/ul	99

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