Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022844.D
Acq On : 4 Jul 2016 2:06
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 04 04:44:46 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 04 04:18:08 2016
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02019

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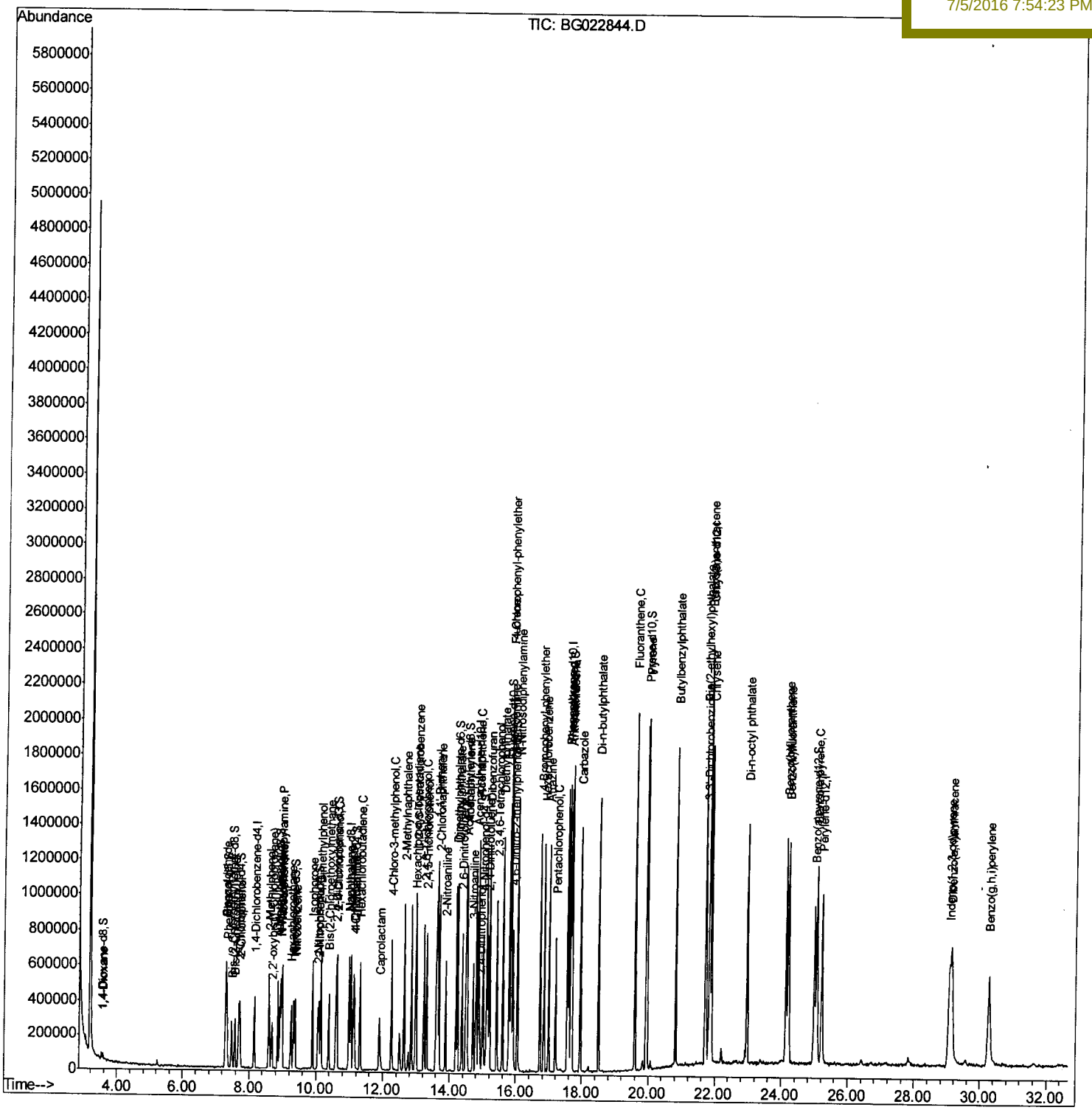

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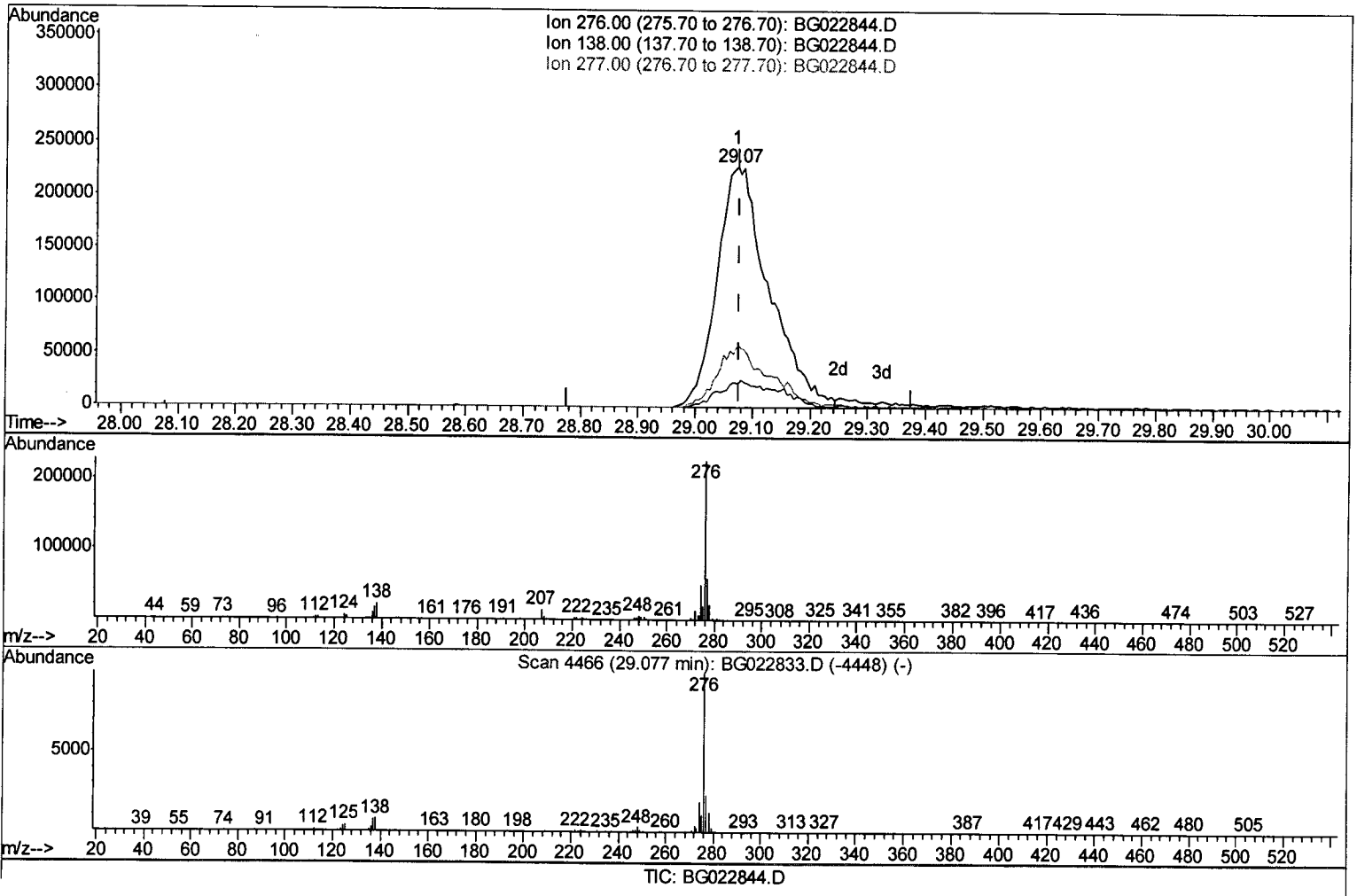

TIC: BG022844.D

(89) Indeno(1,2,3-cd)pyrene

29.073min (-0.004) 20.53ng/ul m

response 1440742

U. M 07/09/16

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	9.80#
277.00	22.00	25.87
0.00	0.00	0.00

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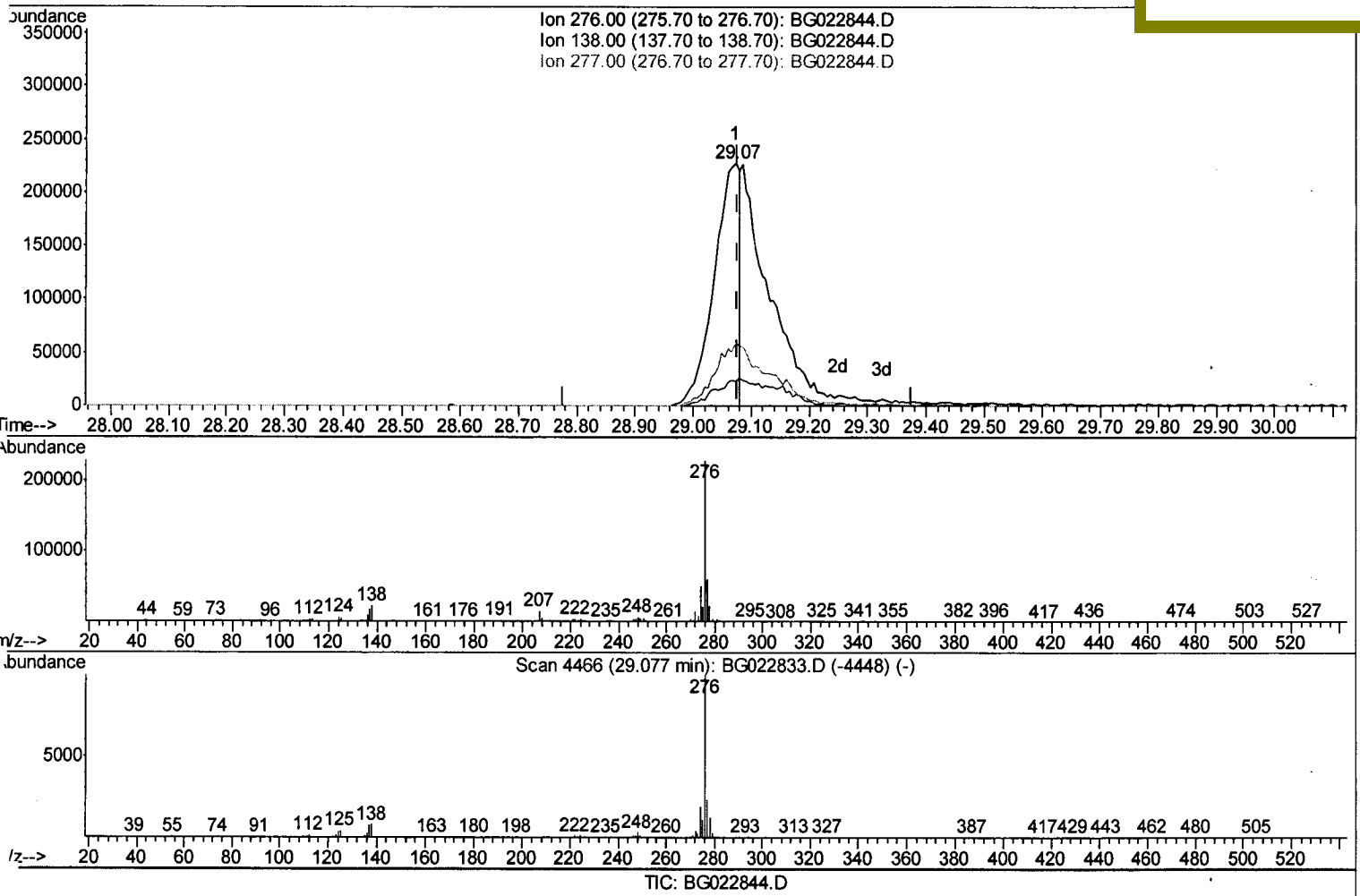

TIC: BG022844.D

(89) Indeno(1,2,3-cd)pyrene

29.073min (-0.004) 9.65ng/ul

response 677517

Ion	Exp%	Act%
276.00	100	100
138.00	26.00	9.80#
277.00	22.00	25.87
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	13.00	216	309489	20.57	ng/ul	99
37) Hexachlorocyclopentadiene	12.98	237	161409	17.77	ng/ul	100
38) 2,4,6-Trichlorophenol	13.24	196	207885	20.03	ng/ul	94
39) 2,4,5-Trichlorophenol	13.31	196	222393	20.37	ng/ul	93
40) 1,1'-Biphenyl	13.64	154	616546	20.14	ng/ul	99
41) 2-Chloronaphthalene	13.69	162	498861	20.13	ng/ul	98
42) 2-Nitroaniline	13.88	65	196072	20.45	ng/ul#	64
44) Dimethylphthalate	14.25	163	687486	20.59	ng/ul#	98
45) 2,6-Dinitrotoluene	14.37	165	150725	20.85	ng/ul#	87
47) Acenaphthylene	14.53	152	798834	21.17	ng/ul	99
48) 3-Nitroaniline	14.71	138	122338	21.66	ng/ul#	36
49) Acenaphthene	14.87	153	530137	20.68	ng/ul	92
50) 2,4-Dinitrophenol	14.91	184	66899	16.65	ng/ul	91
52) 4-Nitrophenol	15.01	109	128975	19.75	ng/ul#	58
53) Dibenzofuran	15.20	168	811471	20.49	ng/ul#	85
54) 2,4-Dinitrotoluene	15.15	165	220944	21.14	ng/ul#	61
55) 2,3,4,6-Tetrachlorophenol	15.42	232	224384	20.18	ng/ul	95
56) Diethylphthalate	15.61	149	710378	20.94	ng/ul	94
58) Fluorene	15.85	166	664488	20.88	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.84	204	383085	20.10	ng/ul	98
60) 4-Nitroaniline	15.86	138	142205	20.96	ng/ul#	46
63) 4,6-Dinitro-2-methylphenol	15.92	198	134202	19.71	ng/ul#	81
64) N-Nitrosodiphenylamine	16.05	169	609068	20.71	ng/ul	92
65) 4-Bromophenyl-phenylether	16.73	248	264740	19.81	ng/ul	93
66) Hexachlorobenzene	16.86	284	288290	20.38	ng/ul	93
67) Atrazine	17.00	200	266192	21.70	ng/ul	93
68) Pentachlorophenol	17.20	266	152826	18.79	ng/ul	92
69) Phenanthrene	17.60	178	1048372	20.52	ng/ul	99
71) Anthracene	17.69	178	1091394	20.79	ng/ul	97
72) Carbazole	17.96	167	883896	22.75	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1080074	21.66	ng/ul#	95
74) Fluoranthene	19.60	202	1260241	23.68	ng/ul#	86
77) Pyrene	19.97	202	1291141	20.82	ng/ul#	83
78) Butylbenzylphthalate	20.84	149	504614	20.98	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.75	252	487190	23.22	ng/ul#	96
80) Benzo(a)anthracene	21.83	228	1364260	20.99	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.72	149	694263	22.37	ng/ul#	99
82) Chrysene	21.90	228	1238302	20.93	ng/ul	99
84) Di-n-octyl phthalate	22.98	149	1183323	24.01	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	1427117	20.42	ng/ul#	90
86) Benzo(k)fluoranthene	24.22	252	1325565	20.20	ng/ul#	87
88) Benzo(a)pyrene	25.07	252	1347746	20.30	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	29.07	276	1440742m	20.53	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	1186114	20.44	ng/ul#	88
91) Benzo(g,h,i)perylene	30.28	276	1182356	21.49	ng/ul#	75

U.M 07/09/16

(#) = 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	8.16	152	112825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	516012	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	402499	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	998902	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1107934	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1118146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	17402	8.62	ng/uL	0.00
5) Phenol-d5	7.31	99	229375	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	133716	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	151576	19.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	173467	18.82	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	77668	18.88	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	97623	19.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	199357	19.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	212315	24.16	ng/ul	0.01
43) Dimethylphthalate-d6	14.20	166	681077	20.83	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	785570	20.96	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	99864	19.45	ng/ul	0.00
57) Fluorene-d10	15.79	176	651803	21.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	118380	18.43	ng/ul	0.00
70) Anthracene-d10	17.65	188	949801	20.46	ng/ul	0.00
76) Pyrene-d10	19.94	212	1117797	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1065327	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	18208	7.70	ng/uL#	90
4) Benzaldehyde	7.29	77	161083	21.35	ng/ul	87
6) Phenol	7.33	94	241335	19.85	ng/ul#	69
8) Bis(2-Chloroethyl)ether	7.57	93	170624	20.53	ng/ul	95
10) 2-Chlorophenol	7.72	128	154460	19.16	ng/ul#	83
11) 2-Methylphenol	8.60	108	172902	18.94	ng/ul	85
12) 2,2'-oxybis(1-Chloropropan	8.70	45	190161	20.35	ng/ul#	91
14) Acetophenone	8.99	105	292559	19.65	ng/ul#	81
15) N-Nitroso-di-n-propylamine	8.96	70	168892	18.88	ng/ul#	83
16) 4-Methylphenol	8.93	108	200304	19.73	ng/ul	99
17) Hexachloroethane	9.25	117	67654	19.70	ng/ul#	77
20) Nitrobenzene	9.38	77	256179	20.25	ng/ul#	81
21) Isophorone	9.90	82	460982	20.42	ng/ul#	91
23) 2-Nitrophenol	10.10	139	100161	19.02	ng/ul#	42
24) 2,4-Dimethylphenol	10.14	107	252018	19.99	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.38	93	265007	19.90	ng/ul#	93
27) 2,4-Dichlorophenol	10.63	162	204398	19.59	ng/ul	93
28) Naphthalene	11.04	128	516678	19.58	ng/ul	99
30) 4-Chloroaniline	11.15	127	206341	22.99	ng/ul	99
31) Hexachlorobutadiene	11.32	225	161418	20.09	ng/ul	96
32) Caprolactam	11.90	113	70402	20.23	ng/ul#	47
33) 4-Chloro-3-methylphenol	12.26	107	264541	20.05	ng/ul#	76
34) 2-Methylnaphthalene	12.64	142	441274	20.21	ng/ul	97