Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000098.D
Acq On : 31 Dec 2014 19:39
Operator : TP/IZ
Sample : MDL-07-W
Misc : MDL-07-WATER-8PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jan 01 01:14:46 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 01 00:20:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	180098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	715008	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	499249	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	929330	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	829452	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	671861	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	18000	5.79	ng/uL	0.01
5) Phenol-d5	7.00	99	562243	36.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	319848	33.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	414831	37.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	427513	34.69	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	182265	36.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	199333	39.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	411254	36.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	282784	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1244308	33.79	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1501721	34.04	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	161999	27.24	ng/ul	0.00
57) Fluorene-d10	15.47	176	1040256	32.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	153294	33.26	ng/ul	0.00
70) Anthracene-d10	17.32	188	1483377	34.52	ng/ul	0.00
76) Pyrene-d10	19.60	212	1473943	38.52	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.55	264	998774	32.94	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	27473	6.38	ng/uL#	91
4) Benzaldehyde	6.98	77	28590	2.94	ng/ul	93
6) Phenol	7.03	94	109434	6.74	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	78932	6.36	ng/ul	98
10) 2-Chlorophenol	7.41	128	78834	6.78	ng/ul	99
11) 2-Methylphenol	8.28	108	79603	6.35	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	132302	6.61	ng/ul	98
14) Acetophenone	8.65	105	121171	5.76	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.64	70	64979	5.90	ng/ul	92
16) 4-Methylphenol	8.60	108	84706	6.25	ng/ul	94
17) Hexachloroethane	8.92	117	33221	6.26	ng/ul	89
20) Nitrobenzene	9.04	77	103011	6.99	ng/ul	95
21) Isophorone	9.56	82	175131	6.16	ng/ul	98
23) 2-Nitrophenol	9.75	139	39129	7.02	ng/ul	96
24) 2,4-Dimethylphenol	9.81	107	104070	6.88	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	104158	6.58	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	79539	7.15	ng/ul	96
28) Naphthalene	10.69	128	240536	6.60	ng/ul	100
30) 4-Chloroaniline	10.79	127	44344	3.39	ng/ul	96
31) Hexachlorobutadiene	10.97	225	54468	6.90	ng/ul	93
32) Caprolactam	11.54	113	18271m	4.93	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	87933	6.44	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	173824	6.43	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	93826	6.78	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	50726	5.55	ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	58545	6.63	ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	61616	6.43	ng/ul	95
40) 1,1'-Biphenyl	13.30	154	232746	6.47	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	179882	6.52	ng/ul	98
42) 2-Nitroaniline	13.54	65	54182	6.06	ng/ul	91
44) Dimethylphthalate	13.93	163	232375	6.34	ng/ul	97
45) 2,6-Dinitrotoluene	14.05	165	37805	5.76	ng/ul	90
47) Acenaphthylene	14.20	152	292198	6.28	ng/ul	99
48) 3-Nitroaniline	14.38	138	20460	3.05	ng/ul	100
49) Acenaphthene	14.54	153	185723	6.26	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	17404	5.23	ng/ul	93
52) 4-Nitrophenol	14.68	109	44599	5.64	ng/ul	94
53) Dibenzofuran	14.87	168	270831	6.31	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	56340	5.76	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.10	232	47912	5.79	ng/ul	91
56) Diethylphthalate	15.29	149	234237	6.08	ng/ul	98
58) Fluorene	15.52	166	224220	6.29	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	116432	6.63	ng/ul	99
60) 4-Nitroaniline	15.53	138	29762	3.92	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.59	198	29762	6.31	ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	172033	6.38	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	65780	6.95	ng/ul	96
66) Hexachlorobenzene	16.52	284	75215	6.89	ng/ul	93
67) Atrazine	16.69	200	2364	0.22	ng/ul#	73
68) Pentachlorophenol	16.86	266	33509	5.05	ng/ul	95
69) Phenanthrene	17.26	178	330897	6.58	ng/ul	99
71) Anthracene	17.35	178	338316	6.54	ng/ul	99
72) Carbazole	17.61	167	262440	5.63	ng/ul	98
73) Di-n-butylphthalate	18.19	149	330936	5.95	ng/ul	99
74) Fluoranthene	19.27	202	350379	6.08	ng/ul	99
77) Pyrene	19.64	202	368541	7.37	ng/ul	99
78) Butylbenzylphthalate	20.54	149	127038	6.25	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.33	252	14658	0.97	ng/ul#	96
80) Benzo(a)anthracene	21.39	228	317695	6.63	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	179672	6.08	ng/ul	100
82) Chrysene	21.43	228	292533	6.63	ng/ul	99
84) Di-n-octyl phthalate	22.21	149	287981	6.23	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	296802	6.92	ng/ul	100
86) Benzo(k)fluoranthene	23.04	252	277875	7.59	ng/ul	97
88) Benzo(a)pyrene	23.59	252	272941	7.25	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	329479	8.39	ng/ul	97
90) Dibenzo(a,h)anthracene	26.04	278	282887	8.55	ng/ul	96
91) Benzo(g,h,i)perylene	26.73	276	274569	8.51	ng/ul	98

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

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