Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000063.D
Acq On : 29 Dec 2014 17:22
Operator : TP
Sample : MDL-06-W
Misc : MDL--WATER-4PPM
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-6

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:11 AM

Quant Time: Dec 30 13:40:15 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 13:41:14 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	209087	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	842204	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	579011	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1127640	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1035041	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	606202	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	20973	5.82	ng/uL	0.00
5) Phenol-d5	7.01	99	684720m	37.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	383575	34.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	494805	38.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	514187	35.93	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	219092	37.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	236353	39.81	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	498555m	37.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	425932	28.59	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	1510258	35.36	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1782040	34.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	209679	30.40	ng/ul	0.00
57) Fluorene-d10	15.48	176	1285410	35.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	177438	31.73	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1823272	34.97	ng/ul	0.00
76) Pyrene-d10	19.61	212	1849974	38.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	917173	33.53	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	18287	3.66	ng/uL	93
4) Benzaldehyde	6.98	77	25461	2.26	ng/ul	96
6) Phenol	7.03	94	70995	3.77	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	52432	3.64	ng/ul	93
10) 2-Chlorophenol	7.41	128	50602	3.75	ng/ul	98
11) 2-Methylphenol	8.28	108	51320	3.53	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	84579	3.64	ng/ul	97
14) Acetophenone	8.66	105	79055	3.24	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	40669	3.18	ng/ul	95
16) 4-Methylphenol	8.61	108	56100	3.56	ng/ul	96
17) Hexachloroethane	8.93	117	20243	3.28	ng/ul	95
20) Nitrobenzene	9.04	77	64847	3.73	ng/ul	96
21) Isophorone	9.57	82	113475	3.39	ng/ul	98
23) 2-Nitrophenol	9.75	139	24098	3.67	ng/ul	92
24) 2,4-Dimethylphenol	9.81	107	69975	3.93	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.05	93	64789	3.48	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	49613	3.78	ng/ul#	84
28) Naphthalene	10.69	128	153421	3.57	ng/ul	98
30) 4-Chloroaniline	10.80	127	45758m	2.97	ng/ul	
31) Hexachlorobutadiene	10.97	225	33646	3.62	ng/ul	93
32) Caprolactam	11.58	113	10948	2.51	ng/ul	95
33) 4-Chloro-3-methylphenol	11.91	107	53064	3.30	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	111033	3.49	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	58320	3.63	ng/ul#	98
37) Hexachlorocyclopentadiene	12.65	237	33288	3.14	ng/ul	94
38) 2,4,6-Trichlorophenol	12.90	196	35118	3.43	ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	35719	3.21	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	150366	3.60	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	116566	3.64	ng/ul	97
42) 2-Nitroaniline	13.56	65	31046	2.99	ng/ul	94
44) Dimethylphthalate	13.93	163	147456	3.47	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	24064	3.16	ng/ul	92
47) Acenaphthylene	14.20	152	188788	3.50	ng/ul	99
48) 3-Nitroaniline	14.38	138	16277	2.09	ng/ul#	95
49) Acenaphthene	14.54	153	124888	3.63	ng/ul	96
50) 2,4-Dinitrophenol	14.59	184	9323	2.41	ng/ul	96
52) 4-Nitrophenol	14.68	109	27938	3.05	ng/ul	88
53) Dibenzofuran	14.88	168	179135	3.60	ng/ul	98
54) 2,4-Dinitrotoluene	14.84	165	33758	2.97	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.10	232	30576	3.19	ng/ul	95
56) Diethylphthalate	15.31	149	147228	3.29	ng/ul	99
58) Fluorene	15.52	166	145851	3.53	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	74145	3.64	ng/ul	95
60) 4-Nitroaniline	15.53	138	19535	2.22	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	18489	3.23	ng/ul#	40
64) N-Nitrosodiphenylamine	15.74	169	108691	3.32	ng/ul	97
65) 4-Bromophenyl-phenylether	16.41	248	43315	3.77	ng/ul#	85
66) Hexachlorobenzene	16.53	284	48587	3.67	ng/ul	95
68) Pentachlorophenol	16.87	266	21134	2.62	ng/ul	90
69) Phenanthrene	17.26	178	221700	3.63	ng/ul	99
71) Anthracene	17.35	178	225015	3.59	ng/ul	98
72) Carbazole	17.63	167	159970	2.83	ng/ul	98
73) Di-n-butylphthalate	18.19	149	216043	3.20	ng/ul	99
74) Fluoranthene	19.28	202	231193	3.30	ng/ul	99
77) Pyrene	19.64	202	250805	4.02	ng/ul#	93
78) Butylbenzylphthalate	20.54	149	72603	2.86	ng/ul#	82
79) 3,3'-Dichlorobenzidine	21.33	252	8462	0.45	ng/ul#	95
80) Benzo(a)anthracene	21.39	228	216478	3.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	107236	2.91	ng/ul	96
82) Chrysene	21.44	228	198295	3.60	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	175765	4.22	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	196349	5.08	ng/ul#	98
86) Benzo(k)fluoranthene	23.05	252	184757	5.59	ng/ul#	98
88) Benzo(a)pyrene	23.60	252	173090	5.09	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	200284	5.65	ng/ul	98
90) Dibenzo(a,h)anthracene	26.06	278	179303	6.01	ng/ul	95
91) Benzo(g,h,i)perylene	26.76	276	165107	5.67	ng/ul	98

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

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