Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000059.D
Acq On : 29 Dec 2014 15:00
Operator : TP
Sample : MDL-02-W
Misc : MDL--WATER-4PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-2

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:19 AM

Quant Time: Dec 30 13:10:53 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	219917	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	924479	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	667922	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1373958	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1343669	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	974970	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	24069	6.35	ng/uL	0.00
5) Phenol-d5	7.01	99	637319m	33.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	356908	30.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	457532	33.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	482053	32.03	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	206837	32.35	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.72	143	220823	33.88	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	471432m	32.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	454494	27.79	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	1511361	30.68	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1762186	29.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	230599	28.98	ng/ul	0.00
57) Fluorene-d10	15.48	176	1258699	29.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	183197	26.89	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1925146	30.30	ng/ul	0.00
76) Pyrene-d10	19.61	212	2025524	32.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1265430	28.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	15207	2.89	ng/uL#	86
4) Benzaldehyde	6.98	77	21710	1.83	ng/ul	95
6) Phenol	7.03	94	60255	3.04	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	43511	2.87	ng/ul	98
10) 2-Chlorophenol	7.41	128	43250	3.05	ng/ul	99
11) 2-Methylphenol	8.28	108	42616	2.79	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	71090	2.91	ng/ul	98
14) Acetophenone	8.66	105	68695	2.67	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	36758	2.73	ng/ul#	92
16) 4-Methylphenol	8.61	108	49065	2.96	ng/ul	97
17) Hexachloroethane	8.93	117	16591	2.56	ng/ul	96
20) Nitrobenzene	9.04	77	58438	3.07	ng/ul	99
21) Isophorone	9.57	82	97132	2.64	ng/ul	95
23) 2-Nitrophenol	9.75	139	22262	3.09	ng/ul	94
24) 2,4-Dimethylphenol	9.81	107	58051	2.97	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	54268	2.65	ng/ul	95
27) 2,4-Dichlorophenol	10.28	162	42549	2.96	ng/ul#	77
28) Naphthalene	10.69	128	131268	2.78	ng/ul	99
30) 4-Chloroaniline	10.80	127	44561m	2.63	ng/ul	
31) Hexachlorobutadiene	10.97	225	29754	2.92	ng/ul	90
32) Caprolactam	11.58	113	11632	2.43	ng/ul	97
33) 4-Chloro-3-methylphenol	11.91	107	47800	2.71	ng/ul	98
34) 2-Methylnaphthalene	12.30	142	99608	2.85	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	50528	2.73	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	28369	2.32	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.91	196	31126	2.63	ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	33699	2.63	ng/ul	97
40) 1,1'-Biphenyl	13.32	154	134434	2.79	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	104849	2.84	ng/ul	97
42) 2-Nitroaniline	13.56	65	27761	2.32	ng/ul	94
44) Dimethylphthalate	13.93	163	137935	2.81	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	20562	2.34	ng/ul#	81
47) Acenaphthylene	14.20	152	168429	2.71	ng/ul	99
48) 3-Nitroaniline	14.38	138	13567	1.51	ng/ul#	83
49) Acenaphthene	14.54	153	108325	2.73	ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	9283	2.08	ng/ul	88
52) 4-Nitrophenol	14.68	109	28695	2.71	ng/ul	91
53) Dibenzofuran	14.88	168	159953	2.78	ng/ul	99
54) 2,4-Dinitrotoluene	14.84	165	32322	2.47	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	29076	2.63	ng/ul	97
56) Diethylphthalate	15.31	149	141854	2.75	ng/ul	97
58) Fluorene	15.52	166	131726	2.76	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.52	204	64964	2.76	ng/ul	99
60) 4-Nitroaniline	15.53	138	19354	1.91	ng/ul#	79
63) 4,6-Dinitro-2-methylphenol	15.59	198	18073	2.59	ng/ul#	5
64) N-Nitrosodiphenylamine	15.74	169	101776	2.55	ng/ul	97
65) 4-Bromophenyl-phenylether	16.41	248	39699	2.84	ng/ul#	89
66) Hexachlorobenzene	16.53	284	47348	2.93	ng/ul	94
67) Atrazine	16.69	200	2063	0.13	ng/ul#	69
68) Pentachlorophenol	16.87	266	20752	2.11	ng/ul	90
69) Phenanthrene	17.26	178	213785	2.88	ng/ul	99
71) Anthracene	17.35	178	216439	2.83	ng/ul	99
72) Carbazole	17.63	167	156253	2.27	ng/ul	99
73) Di-n-butylphthalate	18.20	149	220781	2.69	ng/ul	99
74) Fluoranthene	19.28	202	238068	2.79	ng/ul	99
77) Pyrene	19.65	202	247015	3.05	ng/ul	98
78) Butylbenzylphthalate	20.55	149	82670	2.51	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.34	252	8326	0.34	ng/ul	99
80) Benzo(a)anthracene	21.40	228	224580	2.90	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	115574	2.41	ng/ul	100
82) Chrysene	21.44	228	201247	2.82	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	173641	2.59	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	182701	2.94	ng/ul#	97
86) Benzo(k)fluoranthene	23.05	252	180829	3.40	ng/ul#	96
88) Benzo(a)pyrene	23.61	252	171548	3.14	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.05	276	169308	2.97	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.06	278	148229	3.09	ng/ul	96
91) Benzo(g,h,i)perylene	26.76	276	141709	3.03	ng/ul	97

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

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