Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000060.D
Acq On : 29 Dec 2014 15:36
Operator : TP
Sample : MDL-03-W
Misc : MDL--WATER-4PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-3

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:20:17 AM

Quant Time: Dec 30 13:15:57 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	222130	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	968234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	682763	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1398761	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1334180	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	966903	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	25618	6.69	ng/uL	0.00
5) Phenol-d5	7.01	99	676294m	35.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	410714	34.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	481812	35.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	532364	35.02	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	243064	36.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	256131	37.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	526998m	34.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	430718	25.15	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	1742028	34.59	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2016904	33.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	261371	32.13	ng/ul	0.00
57) Fluorene-d10	15.48	176	1456352	33.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	221152	31.88	ng/ul	-0.01
70) Anthracene-d10	17.32	188	2195431	33.94	ng/ul	0.00
76) Pyrene-d10	19.61	212	2329254	37.85	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1451837	33.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	17850	3.36	ng/uL	94
4) Benzaldehyde	6.98	77	25642	2.14	ng/ul	86
6) Phenol	7.03	94	69831	3.49	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.27	93	52916	3.46	ng/ul	96
10) 2-Chlorophenol	7.41	128	48120	3.36	ng/ul	99
11) 2-Methylphenol	8.28	108	51781	3.35	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.38	45	89196	3.62	ng/ul	99
14) Acetophenone	8.66	105	87475	3.37	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.65	70	45751	3.37	ng/ul	89
16) 4-Methylphenol	8.61	108	57026	3.41	ng/ul	92
17) Hexachloroethane	8.93	117	21854	3.34	ng/ul	90
20) Nitrobenzene	9.04	77	70640	3.54	ng/ul	97
21) Isophorone	9.57	82	117687	3.06	ng/ul	97
23) 2-Nitrophenol	9.75	139	26796	3.55	ng/ul	92
24) 2,4-Dimethylphenol	9.81	107	67144	3.28	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	68698	3.21	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	53466	3.55	ng/ul#	73
28) Naphthalene	10.69	128	165860	3.36	ng/ul	98
30) 4-Chloroaniline	10.79	127	45423m	2.56	ng/ul	
31) Hexachlorobutadiene	10.97	225	38465	3.60	ng/ul	90
32) Caprolactam	11.59	113	14360m	2.86	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	60414	3.27	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	121816	3.33	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	61459	3.25	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	35436	2.83	ng/ul	98
38) 2,4,6-Trichlorophenol	12.91	196	37638	3.12	ng/ul	94
39) 2,4,5-Trichlorophenol	12.97	196	42863	3.27	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	165734	3.37	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	130316	3.46	ng/ul	98
42) 2-Nitroaniline	13.56	65	33347	2.73	ng/ul	97
44) Dimethylphthalate	13.93	163	170226	3.39	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	26301	2.93	ng/ul	93
47) Acenaphthylene	14.20	152	207176	3.26	ng/ul	98
48) 3-Nitroaniline	14.38	138	12661	1.38	ng/ul#	98
49) Acenaphthene	14.54	153	134246	3.31	ng/ul	96
50) 2,4-Dinitrophenol	14.59	184	11950	2.62	ng/ul#	83
52) 4-Nitrophenol	14.68	109	36160	3.34	ng/ul	98
53) Dibenzofuran	14.88	168	202044	3.44	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	41966	3.13	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.10	232	37154	3.28	ng/ul	96
56) Diethylphthalate	15.31	149	173250	3.29	ng/ul	98
58) Fluorene	15.52	166	166602	3.42	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	78298	3.26	ng/ul	99
60) 4-Nitroaniline	15.53	138	24034	2.31	ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.59	198	23639	3.33	ng/ul#	15
64) N-Nitrosodiphenylamine	15.74	169	115507	2.85	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	48987	3.44	ng/ul#	87
66) Hexachlorobenzene	16.53	284	58462	3.56	ng/ul	97
67) Atrazine	16.69	200	5961	0.37	ng/ul#	94
68) Pentachlorophenol	16.87	266	26601	2.66	ng/ul	96
69) Phenanthrene	17.26	178	262108	3.46	ng/ul	98
71) Anthracene	17.35	178	269580	3.46	ng/ul	97
72) Carbazole	17.63	167	173696	2.48	ng/ul	99
73) Di-n-butylphthalate	18.20	149	278098	3.32	ng/ul	100
74) Fluoranthene	19.28	202	295704	3.41	ng/ul	99
77) Pyrene	19.65	202	310964	3.87	ng/ul	99
78) Butylbenzylphthalate	20.55	149	101252	3.10	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	9966	0.41	ng/ul	95
80) Benzo(a)anthracene	21.40	228	270726	3.51	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	146998	3.09	ng/ul	100
82) Chrysene	21.44	228	253474	3.57	ng/ul	99
84) Di-n-octyl phthalate	22.23	149	226663	3.41	ng/ul	100
85) Benzo(b)fluoranthene	23.02	252	220557	3.57	ng/ul	98
86) Benzo(k)fluoranthene	23.07	252	219646	4.17	ng/ul	100
88) Benzo(a)pyrene	23.61	252	202278	3.73	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	26.05	276	210027	3.71	ng/ul	97
90) Dibenzo(a,h)anthracene	26.06	278	177093	3.72	ng/ul	99
91) Benzo(g,h,i)perylene	26.76	276	174987	3.77	ng/ul	97

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

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