Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000064.D
Acq On : 29 Dec 2014 17:57
Operator : TP
Sample : MDL-07-W
Misc : MDL--WATER-4PPM
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDLWater-7

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:21:07 AM

Quant Time: Dec 30 13:42:41 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	199965	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.64	136	801376	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	589584	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1216903	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1120521	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	431851	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	19372	5.62	ng/uL	0.00
5) Phenol-d5	7.01	99	665440m	38.41	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	363664	34.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	475310	38.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	505289	36.92	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	210461	37.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	222061	39.31	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	484178m	38.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	490523	34.60	ng/ul	-0.01
43) Dimethylphthalate-d6	13.89	166	1558473	35.84	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1799144	34.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	224455	31.95	ng/ul	0.00
57) Fluorene-d10	15.48	176	1293821	34.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	191341	31.71	ng/ul	-0.01
70) Anthracene-d10	17.32	188	1959153	34.82	ng/ul	0.00
76) Pyrene-d10	19.61	212	2033342	39.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	824689	42.32	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	14973	3.13	ng/uL	91
4) Benzaldehyde	6.98	77	20376	1.89	ng/ul	97
6) Phenol	7.03	94	60533	3.36	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.27	93	41250	2.99	ng/ul	96
10) 2-Chlorophenol	7.41	128	42575	3.30	ng/ul	94
11) 2-Methylphenol	8.28	108	42685	3.07	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	65933	2.97	ng/ul#	94
14) Acetophenone	8.66	105	65015	2.78	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.65	70	36114	2.95	ng/ul	96
16) 4-Methylphenol	8.61	108	45307	3.01	ng/ul	92
17) Hexachloroethane	8.93	117	16488	2.80	ng/ul	98
20) Nitrobenzene	9.04	77	56174	3.40	ng/ul	99
21) Isophorone	9.57	82	95203	2.99	ng/ul#	93
23) 2-Nitrophenol	9.75	139	20552	3.29	ng/ul	88
24) 2,4-Dimethylphenol	9.81	107	55753	3.29	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	53366	3.01	ng/ul	95
27) 2,4-Dichlorophenol	10.28	162	42486	3.41	ng/ul#	74
28) Naphthalene	10.69	128	122597	3.00	ng/ul	100
30) 4-Chloroaniline	10.80	127	48258m	3.29	ng/ul	
31) Hexachlorobutadiene	10.97	225	27994	3.17	ng/ul	92
32) Caprolactam	11.59	113	10757	2.59	ng/ul	81
33) 4-Chloro-3-methylphenol	11.91	107	46856	3.06	ng/ul	92
34) 2-Methylnaphthalene	12.30	142	91506	3.02	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	48263	2.95	ng/ul#	97
37) Hexachlorocyclopentadiene	12.65	237	25082	2.32	ng/ul	96
38) 2,4,6-Trichlorophenol	12.91	196	29463	2.83	ng/ul	92
39) 2,4,5-Trichlorophenol	12.97	196	33122	2.92	ng/ul	98
40) 1,1'-Biphenyl	13.32	154	125843	2.96	ng/ul	98
41) 2-Chloronaphthalene	13.35	162	97414	2.99	ng/ul	99
42) 2-Nitroaniline	13.56	65	27367	2.59	ng/ul	87
44) Dimethylphthalate	13.93	163	131415	3.03	ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	19295	2.49	ng/ul#	84
47) Acenaphthylene	14.20	152	160937	2.93	ng/ul	97
48) 3-Nitroaniline	14.38	138	15278	1.93	ng/ul	95
49) Acenaphthene	14.54	153	104193	2.98	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	9542	2.43	ng/ul	88
52) 4-Nitrophenol	14.68	109	26109	2.79	ng/ul	89
53) Dibenzofuran	14.87	168	155432	3.07	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	29960	2.59	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.10	232	25817	2.64	ng/ul	97
56) Diethylphthalate	15.31	149	133772	2.94	ng/ul	98
58) Fluorene	15.52	166	126518	3.01	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	63277	3.05	ng/ul	96
60) 4-Nitroaniline	15.53	138	19275	2.15	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.59	198	18775	3.04	ng/ul#	13
64) N-Nitrosodiphenylamine	15.73	169	101147	2.87	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	38281	3.09	ng/ul#	88
66) Hexachlorobenzene	16.53	284	42775	2.99	ng/ul	99
68) Pentachlorophenol	16.87	266	19750	2.27	ng/ul	99
69) Phenanthrene	17.26	178	200916	3.05	ng/ul	99
71) Anthracene	17.35	178	202091	2.98	ng/ul	99
72) Carbazole	17.63	167	153851	2.52	ng/ul	99
73) Di-n-butylphthalate	18.19	149	202842	2.79	ng/ul#	98
74) Fluoranthene	19.28	202	228354	3.02	ng/ul	98
77) Pyrene	19.64	202	240767	3.57	ng/ul#	92
78) Butylbenzylphthalate	20.54	149	67996	2.48	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.34	252	8792	0.43	ng/ul#	68
80) Benzo(a)anthracene	21.39	228	198916	3.08	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	95367	2.39	ng/ul#	97
82) Chrysene	21.44	228	175509	2.94	ng/ul	98
84) Di-n-octyl phthalate	22.22	149	139118	4.68	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	158487	5.75	ng/ul	97
86) Benzo(k)fluoranthene	23.05	252	145337	6.18	ng/ul	99
88) Benzo(a)pyrene	23.60	252	127950	5.29	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.04	276	135136	5.35	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	124716	5.86	ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	104969	5.06	ng/ul	96

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

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