Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000098.D
Acq On : 31 Dec 2014 16:41
Operator : TP/IZ
Sample : MDL-03-W
Misc : MDL-03-WATER-8PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDLWater-7

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:25:27 AM

Quant Time: Jan 01 00:56:17 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	219687	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	897676	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	655513	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1318266	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1128355	20.00	ng/ul	-0.01
83) Perylene-d12	23.69	264	832365	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	21363	5.64	ng/uL	0.01
5) Phenol-d5	7.01	99	722896	37.99	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.18	67	389388	33.47	ng/ul	0.01
9) 2-Chlorophenol-d4	7.37	132	523948	38.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	562222	37.40	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	234660	37.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	254913	40.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	538625	38.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	439139	27.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1696762	35.10	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1968512	33.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	254138	32.54	ng/ul	0.00
57) Fluorene-d10	15.47	176	1413378	34.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	226307	34.62	ng/ul	0.00
70) Anthracene-d10	17.32	188	2088608	34.26	ng/ul	0.00
76) Pyrene-d10	19.61	212	2086057	40.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1233096	32.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	33915	6.46	ng/uL	92
4) Benzaldehyde	6.98	77	36108	3.05	ng/ul	92
6) Phenol	7.03	94	138358	6.98	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	96897	6.40	ng/ul	98
10) 2-Chlorophenol	7.41	128	100757	7.10	ng/ul	98
11) 2-Methylphenol	8.28	108	102326	6.69	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	162414	6.66	ng/ul	99
14) Acetophenone	8.66	105	156312	6.09	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	84367	6.28	ng/ul	93
16) 4-Methylphenol	8.60	108	112848	6.82	ng/ul	91
17) Hexachloroethane	8.92	117	39896	6.16	ng/ul	94
20) Nitrobenzene	9.04	77	125587	6.79	ng/ul	96
21) Isophorone	9.56	82	227543	6.38	ng/ul	98
23) 2-Nitrophenol	9.75	139	50023	7.15	ng/ul#	93
24) 2,4-Dimethylphenol	9.81	107	136498	7.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	129394	6.52	ng/ul#	98
27) 2,4-Dichlorophenol	10.28	162	103920	7.44	ng/ul	95
28) Naphthalene	10.69	128	292905	6.40	ng/ul	99
30) 4-Chloroaniline	10.79	127	70039	4.26	ng/ul	98
31) Hexachlorobutadiene	10.97	225	67659	6.83	ng/ul	95
32) Caprolactam	11.59	113	28160m	6.05	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	120481	7.03	ng/ul	98
34) 2-Methylnaphthalene	12.29	142	224157	6.60	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	118799	6.54 ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	63998	5.33 ng/ul#	99
38) 2,4,6-Trichlorophenol	12.90	196	80667	6.96 ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	84873	6.74 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	306748	6.49 ng/ul	98
41) 2-Chloronaphthalene	13.35	162	231709	6.40 ng/ul	96
42) 2-Nitroaniline	13.55	65	77117	6.57 ng/ul	90
44) Dimethylphthalate	13.93	163	319120	6.63 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	54639	6.34 ng/ul	88
47) Acenaphthylene	14.20	152	385890	6.32 ng/ul	100
48) 3-Nitroaniline	14.38	138	30298	3.44 ng/ul#	95
49) Acenaphthene	14.54	153	249113	6.40 ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	26424	6.04 ng/ul	94
52) 4-Nitrophenol	14.68	109	66189	6.37 ng/ul	99
53) Dibenzofuran	14.87	168	370824	6.58 ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	83183	6.47 ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.10	232	70987	6.54 ng/ul#	92
56) Diethylphthalate	15.29	149	324082	6.40 ng/ul	98
58) Fluorene	15.52	166	300541	6.42 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	149500	6.48 ng/ul	98
60) 4-Nitroaniline	15.53	138	47150	4.73 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.59	198	45843	6.85 ng/ul#	82
64) N-Nitrosodiphenylamine	15.73	169	240725	6.30 ng/ul	98
65) 4-Bromophenyl-phenylether	16.41	248	88392	6.58 ng/ul	94
66) Hexachlorobenzene	16.52	284	104253	6.73 ng/ul#	89
67) Atrazine	16.68	200	4415	0.29 ng/ul	98
68) Pentachlorophenol	16.86	266	50843	5.40 ng/ul	90
69) Phenanthrene	17.26	178	476092	6.67 ng/ul	99
71) Anthracene	17.35	178	474643	6.47 ng/ul	98
72) Carbazole	17.61	167	382551	5.79 ng/ul	97
73) Di-n-butylphthalate	18.19	149	497594	6.31 ng/ul	99
74) Fluoranthene	19.27	202	520667	6.36 ng/ul	98
77) Pyrene	19.64	202	518597	7.63 ng/ul	98
78) Butylbenzylphthalate	20.54	149	182530	6.61 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.33	252	14816	0.72 ng/ul	100
80) Benzo(a)anthracene	21.39	228	427609	6.56 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	251358	6.25 ng/ul	99
82) Chrysene	21.44	228	403524	6.72 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	383491	6.70 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	410245	7.72 ng/ul	100
86) Benzo(k)fluoranthene	23.05	252	316738	6.98 ng/ul	98
88) Benzo(a)pyrene	23.59	252	346177	7.42 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	388983	7.99 ng/ul	95
90) Dibenzo(a,h)anthracene	26.05	278	332394	8.11 ng/ul#	96
91) Benzo(g,h,i)perylene	26.75	276	321966	8.05 ng/ul	99

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

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