Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM123114\
Data File : BM000093.D
Acq On : 31 Dec 2014 16:06
Operator : TP/IZ
Sample : MDL-02-W
Misc : MDL-02-WATER-8PPM
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDLWater-2

Manual Integrations APPROVED
TEJASKUMAR
1/7/2015 9:25:37 AM

Quant Time: Jan 01 00:40:41 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	217017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	896554	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	668462	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1397824	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1369372	20.00	ng/ul	-0.01
83) Perylene-d12	23.71	264	997073	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	22720	6.07	ng/uL	0.00
5) Phenol-d5	7.00	99	712308	37.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	383783	33.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	514777	38.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	550537	37.07	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	228308	36.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	252397	39.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	528786	37.67	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	424857	26.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1707155	34.63	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1977482	33.48	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	270654	33.98	ng/ul	0.00
57) Fluorene-d10	15.47	176	1422928	33.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	236482	34.11	ng/ul	0.00
70) Anthracene-d10	17.32	188	2191270	33.90	ng/ul	0.00
76) Pyrene-d10	19.61	212	2343592	37.10	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1521834	33.82	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	34372	6.63	ng/uL	88
4) Benzaldehyde	6.98	77	40087	3.42	ng/ul	90
6) Phenol	7.03	94	147093	7.52	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.27	93	102911	6.88	ng/ul	94
10) 2-Chlorophenol	7.41	128	107296	7.66	ng/ul	97
11) 2-Methylphenol	8.28	108	109874	7.28	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.38	45	170464	7.07	ng/ul	99
14) Acetophenone	8.65	105	159399	6.29	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.64	70	88696	6.68	ng/ul	95
16) 4-Methylphenol	8.60	108	117192	7.17	ng/ul	90
17) Hexachloroethane	8.92	117	43005	6.72	ng/ul	88
20) Nitrobenzene	9.04	77	134965	7.30	ng/ul	96
21) Isophorone	9.56	82	242829	6.81	ng/ul	97
23) 2-Nitrophenol	9.75	139	52238	7.47	ng/ul	95
24) 2,4-Dimethylphenol	9.81	107	144664	7.63	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.05	93	135194	6.82	ng/ul	97
27) 2,4-Dichlorophenol	10.28	162	109405	7.84	ng/ul	95
28) Naphthalene	10.69	128	313963	6.87	ng/ul	99
30) 4-Chloroaniline	10.79	127	74745	4.56	ng/ul	98
31) Hexachlorobutadiene	10.97	225	71356	7.21	ng/ul	92
32) Caprolactam	11.59	113	31123m	6.70	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	129799	7.58	ng/ul	97
34) 2-Methylnaphthalene	12.29	142	235454	6.95	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.67	216	127272	6.87	ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	64935	5.30	ng/ul	98
38) 2,4,6-Trichlorophenol	12.91	196	83153	7.03	ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	91023	7.09	ng/ul	95
40) 1,1'-Biphenyl	13.31	154	325197	6.75	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	244643	6.63	ng/ul	97
42) 2-Nitroaniline	13.55	65	82571	6.90	ng/ul	93
44) Dimethylphthalate	13.93	163	337881	6.88	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	58765	6.69	ng/ul	87
47) Acenaphthylene	14.20	152	408506	6.56	ng/ul	100
48) 3-Nitroaniline	14.38	138	28128	3.13	ng/ul	97
49) Acenaphthene	14.54	153	266317	6.71	ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	28575	6.41	ng/ul	91
52) 4-Nitrophenol	14.68	109	75452	7.12	ng/ul	95
53) Dibenzofuran	14.87	168	387315	6.74	ng/ul	97
54) 2,4-Dinitrotoluene	14.84	165	90220	6.88	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.10	232	78526	7.09	ng/ul	89
56) Diethylphthalate	15.29	149	353417	6.85	ng/ul	99
58) Fluorene	15.52	166	324411	6.80	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.52	204	161047	6.85	ng/ul	92
60) 4-Nitroaniline	15.53	138	57370	5.64	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.59	198	48879	6.89	ng/ul#	75
64) N-Nitrosodiphenylamine	15.73	169	259650	6.41	ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	98666	6.93	ng/ul	99
66) Hexachlorobenzene	16.52	284	113986	6.94	ng/ul	91
67) Atrazine	16.68	200	6293	0.39	ng/ul	97
68) Pentachlorophenol	16.86	266	58333	5.84	ng/ul	98
69) Phenanthrene	17.26	178	528286	6.98	ng/ul	99
71) Anthracene	17.35	178	518721	6.67	ng/ul	99
72) Carbazole	17.61	167	444323	6.34	ng/ul	99
73) Di-n-butylphthalate	18.19	149	565909	6.77	ng/ul	100
74) Fluoranthene	19.27	202	604123	6.96	ng/ul	99
77) Pyrene	19.64	202	619174	7.50	ng/ul	98
78) Butylbenzylphthalate	20.54	149	228090	6.80	ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	15160	0.61	ng/ul#	85
80) Benzo(a)anthracene	21.39	228	540776	6.84	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	324232	6.64	ng/ul	98
82) Chrysene	21.44	228	500159	6.86	ng/ul	98
84) Di-n-octyl phthalate	22.21	149	521304	7.60	ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	520748	8.18	ng/ul	98
86) Benzo(k)fluoranthene	23.05	252	398264	7.33	ng/ul	99
88) Benzo(a)pyrene	23.60	252	409448	7.33	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.03	276	436903	7.49	ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	374758	7.63	ng/ul	97
91) Benzo(g,h,i)perylene	26.75	276	359849	7.51	ng/ul	98

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

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