Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM123114\
Data File : BM000095.D
Acq On : 31 Dec 2014 14:24
Operator : TP/IZ
Sample : SSTD02009
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDLWater-4

Quant Time: Jan 01 00:28:57 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 31 02:57:11 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	199619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	875220	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.47	164	649057	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1401869m	20.00	ng/ul	-0.01
75) Chrysene-d12	21.41	240	1584050	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1473460	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	26352	7.65	ng/uL	-0.01
5) Phenol-d5	7.00	99	324759	18.78	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	206337	19.52	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.37	132	237499	19.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	259540	19.00	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	117981	19.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	125484m	20.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	262949m	19.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	346856	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	913615	19.08	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1110787	19.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	144483	18.68	ng/ul	0.00
57) Fluorene-d10	15.47	176	783585	19.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	125095m	17.99	ng/ul	0.00
70) Anthracene-d10	17.32	188	1260800	19.45	ng/ul	0.00
76) Pyrene-d10	19.61	212	1426069	19.52	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1302474	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	35037	7.34	ng/uL	94
4) Benzaldehyde	6.98	77	245434	22.78	ng/ul	98
6) Phenol	7.02	94	344255	19.12	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.26	93	263182	19.12	ng/ul	95
10) 2-Chlorophenol	7.41	128	247805	19.23	ng/ul	98
11) 2-Methylphenol	8.28	108	269549	19.41	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.38	45	464259	20.94	ng/ul	99
14) Acetophenone	8.65	105	446931	19.17	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.64	70	244658	20.04	ng/ul	90
16) 4-Methylphenol	8.61	108	292898	19.49	ng/ul	98
17) Hexachloroethane	8.92	117	112023	19.03	ng/ul	89
20) Nitrobenzene	9.04	77	357425	19.81	ng/ul	98
21) Isophorone	9.56	82	676666	19.45	ng/ul	98
23) 2-Nitrophenol	9.75	139	133012	19.50	ng/ul#	91
24) 2,4-Dimethylphenol	9.81	107	363720	19.64	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	372064	19.21	ng/ul	99
27) 2,4-Dichlorophenol	10.28	162	270958	19.89	ng/ul	99
28) Naphthalene	10.69	128	865554	19.39	ng/ul	98
30) 4-Chloroaniline	10.79	127	361998m	22.60	ng/ul	
31) Hexachlorobutadiene	10.97	225	192379	19.92	ng/ul	96
32) Caprolactam	11.54	113	85720	18.89	ng/ul	94
33) 4-Chloro-3-methylphenol	11.91	107	339845	20.33	ng/ul	97
34) 2-Methylnaphthalene	12.30	142	654559	19.78	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	340565	18.92 ng/ul#	98
37) Hexachlorocyclopentadiene	12.64	237	214247	18.02 ng/ul	99
38) 2,4,6-Trichlorophenol	12.90	196	223107	19.43 ng/ul	99
39) 2,4,5-Trichlorophenol	12.97	196	239904	19.24 ng/ul	98
40) 1,1'-Biphenyl	13.31	154	897004	19.18 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	681948	19.02 ng/ul	98
42) 2-Nitroaniline	13.56	65	242005	20.83 ng/ul	97
44) Dimethylphthalate	13.93	163	912483	19.14 ng/ul	98
45) 2,6-Dinitrotoluene	14.05	165	168619	19.77 ng/ul#	83
47) Acenaphthylene	14.20	152	1149437	19.01 ng/ul	99
48) 3-Nitroaniline	14.38	138	183660	21.03 ng/ul	99
49) Acenaphthene	14.54	153	722809	18.75 ng/ul	98
50) 2,4-Dinitrophenol	14.59	184	76157	17.59 ng/ul	98
52) 4-Nitrophenol	14.68	109	210310	20.45 ng/ul	93
53) Dibenzofuran	14.87	168	1070608	19.18 ng/ul	95
54) 2,4-Dinitrotoluene	14.84	165	256511	20.16 ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.10	232	212968	19.81 ng/ul	94
56) Diethylphthalate	15.29	149	971295	19.38 ng/ul	99
58) Fluorene	15.52	166	887494	19.16 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	447174	19.58 ng/ul	94
60) 4-Nitroaniline	15.55	138	196887	19.95 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.59	198	132492	18.63 ng/ul#	86
64) N-Nitrosodiphenylamine	15.73	169	764273	18.80 ng/ul	99
65) 4-Bromophenyl-phenylether	16.41	248	281551	19.71 ng/ul	95
66) Hexachlorobenzene	16.53	284	321111	19.50 ng/ul	95
67) Atrazine	16.68	200	301653	18.81 ng/ul	98
68) Pentachlorophenol	16.87	266	185161m	18.48 ng/ul	
69) Phenanthrene	17.26	178	1460656m	19.25 ng/ul	
71) Anthracene	17.35	178	1503956	19.28 ng/ul	99
72) Carbazole	17.61	167	1374404	19.56 ng/ul	98
73) Di-n-butylphthalate	18.19	149	1667890	19.89 ng/ul	99
74) Fluoranthene	19.27	202	1769056	20.33 ng/ul	98
77) Pyrene	19.64	202	1846555	19.34 ng/ul	97
78) Butylbenzylphthalate	20.54	149	778374	20.06 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.33	252	598919	20.68 ng/ul	97
80) Benzo(a)anthracene	21.39	228	1799743	19.68 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1134229	20.09 ng/ul	98
82) Chrysene	21.44	228	1650010	19.58 ng/ul	100
84) Di-n-octyl phthalate	22.22	149	1934464	19.09 ng/ul	100
85) Benzo(b)fluoranthene	23.01	252	1757996	18.70 ng/ul	99
86) Benzo(k)fluoranthene	23.05	252	1641144	20.44 ng/ul	100
88) Benzo(a)pyrene	23.60	252	1595830	19.32 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.04	276	1647569	19.12 ng/ul	97
90) Dibenzo(a,h)anthracene	26.05	278	1383002	19.06 ng/ul	98
91) Benzo(g,h,i)perylene	26.76	276	1337717	18.90 ng/ul	99

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

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