Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012115.D
Acq On : 13 Oct 2017 01:03
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Oct 13 03:09:09 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 13 03:06:26 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	219971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	936434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	564440	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1290149	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1371875	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	1287783	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	37490	8.10	ng/uL	0.00
5) Phenol-d5	6.99	99	343504	19.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	209153	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	298011	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	303846	19.77	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	139836	19.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	165163	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	315045	19.76	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	311713	20.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	990808	19.86	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1199851	19.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	136595	18.21	ng/ul	0.00
57) Fluorene-d10	15.47	176	805766	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	163928	18.51	ng/ul	0.00
70) Anthracene-d10	17.32	188	1251562	19.62	ng/ul	0.00
76) Pyrene-d10	19.62	212	1401630	20.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1243707	20.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	37490	7.94	ng/uL#	68
4) Benzaldehyde	6.97	77	235121	19.71	ng/ul	94
6) Phenol	7.02	94	354338	19.21	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.25	93	273837	19.48	ng/ul	94
10) 2-Chlorophenol	7.39	128	304034	19.68	ng/ul	97
11) 2-Methylphenol	8.27	108	268323	19.34	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	353751	19.81	ng/ul#	86
14) Acetophenone	8.66	105	455481	19.50	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.64	70	246497	19.69	ng/ul#	69
16) 4-Methylphenol	8.60	108	301606	19.72	ng/ul	94
17) Hexachloroethane	8.90	117	127589	19.57	ng/ul	82
20) Nitrobenzene	9.04	77	353900	19.93	ng/ul	93
21) Isophorone	9.56	82	653043	19.69	ng/ul#	93
23) 2-Nitrophenol	9.75	139	175766	19.63	ng/ul#	78
24) 2,4-Dimethylphenol	9.80	107	357194	19.79	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.04	93	388190	19.96	ng/ul	96
27) 2,4-Dichlorophenol	10.28	162	310325	19.76	ng/ul#	91
28) Naphthalene	10.68	128	957708	19.77	ng/ul	100
30) 4-Chloroaniline	10.80	127	306955	20.92	ng/ul	96
31) Hexachlorobutadiene	10.96	225	222635	19.13	ng/ul	94
32) Caprolactam	11.59	113	98844	19.94	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.92	107	322899	19.62	ng/ul	94
34) 2-Methylnaphthalene	12.30	142	718605	19.66	ng/ul	96

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	403029	19.67 ng/ul	96
37) Hexachlorocyclopentadiene	12.63	237	144527	15.83 ng/ul	99
38) 2,4,6-Trichlorophenol	12.91	196	266776	19.64 ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	267117	19.11 ng/ul	99
40) 1,1'-Biphenyl	13.31	154	942123	19.78 ng/ul	98
41) 2-Chloronaphthalene	13.36	162	739827	19.79 ng/ul	97
42) 2-Nitroaniline	13.57	65	201679	19.39 ng/ul	90
44) Dimethylphthalate	13.93	163	979919	19.61 ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	194629	19.62 ng/ul	92
47) Acenaphthylene	14.20	152	1180439	19.91 ng/ul	99
48) 3-Nitroaniline	14.39	138	150885	19.55 ng/ul	91
49) Acenaphthene	14.55	153	791849	19.83 ng/ul	99
50) 2,4-Dinitrophenol	14.61	184	98670	17.51 ng/ul	95
52) 4-Nitrophenol	14.70	109	128677	19.09 ng/ul#	78
53) Dibenzofuran	14.88	168	1136328	19.76 ng/ul	98
54) 2,4-Dinitrotoluene	14.86	165	285144	19.83 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.11	232	251535	19.66 ng/ul	91
56) Diethylphthalate	15.29	149	995097	18.42 ng/ul	95
58) Fluorene	15.53	166	939189	19.66 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.52	204	487499	19.43 ng/ul	95
60) 4-Nitroaniline	15.56	138	181883	19.08 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.62	198	171423	18.34 ng/ul#	90
64) N-Nitrosodiphenylamine	15.73	169	802887	19.88 ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	305442	19.78 ng/ul	99
66) Hexachlorobenzene	16.53	284	345592	19.75 ng/ul#	93
67) Atrazine	16.68	200	324686	19.23 ng/ul	95
68) Pentachlorophenol	16.87	266	185314	18.99 ng/ul	99
69) Phenanthrene	17.27	178	1439391	19.61 ng/ul	98
71) Anthracene	17.36	178	1499367	19.73 ng/ul	99
72) Carbazole	17.63	167	1255280	19.52 ng/ul	99
73) Di-n-butylphthalate	18.18	149	1688907	18.92 ng/ul#	97
74) Fluoranthene	19.28	202	1716528	19.38 ng/ul#	90
77) Pyrene	19.64	202	1792094	19.78 ng/ul#	88
78) Butylbenzylphthalate	20.53	149	790319	19.60 ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.32	252	509286	18.65 ng/ul#	95
80) Benzo(a)anthracene	21.39	228	1729184	19.37 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.30	149	1163978	19.23 ng/ul#	96
82) Chrysene	21.44	228	1589060	18.96 ng/ul	98
84) Di-n-octyl phthalate	22.19	149	1913488	20.32 ng/ul	99
85) Benzo(b)fluoranthene	23.02	252	1612396	19.19 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1649427	20.37 ng/ul#	97
88) Benzo(a)pyrene	23.61	252	1550726	19.58 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.08	276	1660710	19.74 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.09	278	1382618	19.55 ng/ul#	96
91) Benzo(g,h,i)perylene	26.81	276	1365805	19.83 ng/ul#	95

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

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