Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM102416\
Data File : BM007714.D
Acq On : 24 Oct 2016 10:17
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Oct 24 18:51:42 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 24 12:55:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	169315	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	649999	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	424468	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	848394	20.00	ng/ul	0.00
75) Chrysene-d12	21.32	240	1140785	20.00	ng/ul	0.00
83) Perylene-d12	23.57	264	1166701	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	29818	7.55	ng/uL	0.00
5) Phenol-d5	6.93	99	250137	19.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	153774	19.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	202071	20.16	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	199442	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	93923	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	99524	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	199415	20.45	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	236185	21.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	578821	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	690290	19.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	85435	18.70	ng/ul	0.00
57) Fluorene-d10	15.38	176	507239	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	93721	18.59	ng/ul	0.00
70) Anthracene-d10	17.23	188	778948	20.37	ng/ul	0.00
76) Pyrene-d10	19.52	212	912449	19.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.43	264	1021398	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	33945	7.86	ng/uL	96
4) Benzaldehyde	6.90	77	181985	22.02	ng/ul	96
6) Phenol	6.95	94	257906	19.23	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.18	93	204657	19.81	ng/ul	93
10) 2-Chlorophenol	7.32	128	204601	19.90	ng/ul	98
11) 2-Methylphenol	8.19	108	188168	19.27	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.28	45	229868	20.06	ng/ul	99
14) Acetophenone	8.57	105	318812	19.88	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	161995	20.36	ng/ul	94
16) 4-Methylphenol	8.52	108	205160	19.50	ng/ul	97
17) Hexachloroethane	8.82	117	93332	20.54	ng/ul	94
20) Nitrobenzene	8.95	77	251971	20.94	ng/ul	96
21) Isophorone	9.47	82	419053	20.36	ng/ul	98
23) 2-Nitrophenol	9.66	139	105167	20.30	ng/ul#	91
24) 2,4-Dimethylphenol	9.72	107	241351	20.42	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.95	93	254789	20.24	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	192979	20.10	ng/ul	95
28) Naphthalene	10.58	128	624266	19.74	ng/ul	99
30) 4-Chloroaniline	10.70	127	242718	21.50	ng/ul	97
31) Hexachlorobutadiene	10.86	225	159101	20.34	ng/ul	97
32) Caprolactam	11.49	113	47935	18.00	ng/ul	94
33) 4-Chloro-3-methylphenol	11.82	107	206487	20.51	ng/ul	88
34) 2-Methylnaphthalene	12.19	142	447387	19.89	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	269744	19.69	ng/ul	97
37) Hexachlorocyclopentadiene	12.54	237	147628	18.30	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	154743	20.30	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	165955	19.88	ng/ul	99
40) 1,1'-Biphenyl	13.22	154	591471	19.76	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	453814	19.82	ng/ul	98
42) 2-Nitroaniline	13.47	65	125701	20.69	ng/ul	93
44) Dimethylphthalate	13.85	163	561775	20.02	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	105657	20.01	ng/ul	94
47) Acenaphthylene	14.10	152	700191	19.85	ng/ul	99
48) 3-Nitroaniline	14.30	138	105988	20.30	ng/ul	91
49) Acenaphthene	14.45	153	484405	19.90	ng/ul	98
50) 2,4-Dinitrophenol	14.52	184	57716	17.75	ng/ul#	81
52) 4-Nitrophenol	14.61	109	88880	19.61	ng/ul	92
53) Dibenzofuran	14.79	168	705252	20.18	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	160338	21.05	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	150191	20.18	ng/ul	97
56) Diethylphthalate	15.21	149	571482	20.57	ng/ul	98
58) Fluorene	15.43	166	567335	20.33	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	298220	20.05	ng/ul	95
60) 4-Nitroaniline	15.47	138	102013	19.38	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.53	198	99410	19.09	ng/ul	99
64) N-Nitrosodiphenylamine	15.64	169	490139	20.21	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	193767	20.02	ng/ul	98
66) Hexachlorobenzene	16.44	284	211814	19.76	ng/ul	95
67) Atrazine	16.60	200	186192	19.93	ng/ul	97
68) Pentachlorophenol	16.79	266	109684	18.26	ng/ul	97
69) Phenanthrene	17.17	178	909485	20.17	ng/ul	99
71) Anthracene	17.26	178	932918	20.31	ng/ul	100
72) Carbazole	17.54	167	804661	20.24	ng/ul	100
73) Di-n-butylphthalate	18.10	149	930222	21.01	ng/ul	99
74) Fluoranthene	19.19	202	1088124	20.63	ng/ul	99
77) Pyrene	19.56	202	1146681	19.46	ng/ul	98
78) Butylbenzylphthalate	20.45	149	431901	20.60	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.24	252	412190	20.35	ng/ul	97
80) Benzo(a)anthracene	21.30	228	1218688	19.99	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.23	149	632539	20.49	ng/ul	99
82) Chrysene	21.35	228	1171066	19.99	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	1148387	19.41	ng/ul	100
85) Benzo(b)fluoranthene	22.89	252	1324619	19.87	ng/ul	99
86) Benzo(k)fluoranthene	22.94	252	1226252	19.99	ng/ul	100
88) Benzo(a)pyrene	23.47	252	1247154	19.86	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.83	276	1505931	20.02	ng/ul	99
90) Dibenzo(a,h)anthracene	25.84	278	1274792	20.09	ng/ul	100
91) Benzo(g,h,i)perylene	26.53	276	1270514	20.12	ng/ul	98

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

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