Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007202.D
Acq On : 18 Aug 2016 11:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02051

Quant Time: Aug 19 04:22:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 17 04:01:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	186070	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	737465	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	429941	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1010122	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1331755	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1364300	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	35778	8.40	ng/uL	0.00
5) Phenol-d5	6.97	99	295708	19.62	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	173213	20.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	241847	20.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	233237	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	109610	20.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	117570	20.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	241667	20.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	285770	20.04	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	675290	19.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	851465	19.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	110839	17.41	ng/ul	0.00
57) Fluorene-d10	15.43	176	606474	19.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	91588	16.41	ng/ul	0.00
70) Anthracene-d10	17.27	188	953043	20.37	ng/ul	0.00
76) Pyrene-d10	19.57	212	1131016	20.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1269385	20.34	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	36686	8.28	ng/uL	94
4) Benzaldehyde	6.95	77	186011	20.53	ng/ul	97
6) Phenol	7.00	94	307880	19.39	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.23	93	232231	19.82	ng/ul	99
10) 2-Chlorophenol	7.37	128	248515	20.24	ng/ul	98
11) 2-Methylphenol	8.24	108	228261	19.12	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	258197	19.23	ng/ul	97
14) Acetophenone	8.62	105	376721	19.72	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.60	70	183808	18.49	ng/ul	96
16) 4-Methylphenol	8.56	108	250516	19.23	ng/ul	97
17) Hexachloroethane	8.88	117	99983	19.51	ng/ul	99
20) Nitrobenzene	9.00	77	284817	20.67	ng/ul	96
21) Isophorone	9.52	82	485895	18.82	ng/ul	100
23) 2-Nitrophenol	9.70	139	131871	21.07	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	291704	20.33	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.00	93	300977	19.41	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	244904	20.51	ng/ul	98
28) Naphthalene	10.64	128	734602	20.11	ng/ul	100
30) 4-Chloroaniline	10.75	127	297773	20.36	ng/ul	99
31) Hexachlorobutadiene	10.92	225	181142	20.52	ng/ul	99
32) Caprolactam	11.49	113	65192	16.12	ng/ul	99
33) 4-Chloro-3-methylphenol	11.87	107	249691	19.14	ng/ul	94
34) 2-Methylnaphthalene	12.25	142	550729	19.56	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	324190	21.32	ng/ul	96
37) Hexachlorocyclopentadiene	12.60	237	142347	14.70	ng/ul	100
38) 2,4,6-Trichlorophenol	12.86	196	199848	20.50	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	212713	20.83	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	703593	20.40	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	553775	20.46	ng/ul	99
42) 2-Nitroaniline	13.51	65	155250	19.99	ng/ul	97
44) Dimethylphthalate	13.89	163	678059	19.10	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	135985	19.71	ng/ul	92
47) Acenaphthylene	14.16	152	889407	20.25	ng/ul	99
48) 3-Nitroaniline	14.34	138	134681	19.73	ng/ul	97
49) Acenaphthene	14.50	153	569460	19.97	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	54082	13.22	ng/ul#	82
52) 4-Nitrophenol	14.64	109	115915	17.91	ng/ul	93
53) Dibenzofuran	14.83	168	836603	19.76	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	201055	19.75	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	195148	19.77	ng/ul#	93
56) Diethylphthalate	15.26	149	683886	18.26	ng/ul	98
58) Fluorene	15.48	166	668899	19.60	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.48	204	347262	19.27	ng/ul	98
60) 4-Nitroaniline	15.50	138	144555	18.06	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	98845	16.28	ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	579564	20.27	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	236039	20.63	ng/ul	97
66) Hexachlorobenzene	16.48	284	261873	20.23	ng/ul	96
67) Atrazine	16.64	200	224371	19.47	ng/ul	97
68) Pentachlorophenol	16.83	266	150986	18.96	ng/ul	97
69) Phenanthrene	17.22	178	1107002	20.38	ng/ul	100
71) Anthracene	17.31	178	1138882	20.43	ng/ul	99
72) Carbazole	17.58	167	997553	20.77	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1135509	19.34	ng/ul	99
74) Fluoranthene	19.23	202	1405288	21.33	ng/ul	99
77) Pyrene	19.60	202	1487691	20.21	ng/ul	98
78) Butylbenzylphthalate	20.50	149	544279	19.02	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	503844	19.59	ng/ul	99
80) Benzo(a)anthracene	21.34	228	1579271	20.07	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	770984	18.20	ng/ul	99
82) Chrysene	21.39	228	1411284	19.63	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	1385030	19.68	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	1658191	20.18	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1581642	20.49	ng/ul	99
88) Benzo(a)pyrene	23.53	252	1585039	20.35	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	1878582	19.67	ng/ul	98
90) Dibenzo(a,h)anthracene	25.93	278	1585768	19.79	ng/ul	99
91) Benzo(g,h,i)perylene	26.62	276	1547707	19.18	ng/ul	98

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

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