Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081916\
Data File : BM007207.D
Acq On : 18 Aug 2016 17:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02052

Quant Time: Aug 19 04:27:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 19 04:26:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	194379	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	758041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	429017	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1004072	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	1322762	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	1387146	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	37787	8.49	ng/uL	0.00
5) Phenol-d5	6.97	99	307026	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	176059	19.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	251989	20.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	240861	18.59	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	112298	20.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	123966	21.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	250908	20.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	292768	19.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	678028	19.13	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	859707	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	111283	17.51	ng/ul	0.00
57) Fluorene-d10	15.43	176	611347	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	93922	16.93	ng/ul	0.00
70) Anthracene-d10	17.27	188	954369	20.52	ng/ul	0.00
76) Pyrene-d10	19.57	212	1132945	20.29	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	1293775	20.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	37896	8.19	ng/uL	96
4) Benzaldehyde	6.95	77	193166	20.41	ng/ul	99
6) Phenol	6.99	94	322679	19.45	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.23	93	243062	19.86	ng/ul	97
10) 2-Chlorophenol	7.37	128	254099	19.81	ng/ul	95
11) 2-Methylphenol	8.24	108	235390	18.87	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.34	45	270179	19.27	ng/ul	99
14) Acetophenone	8.62	105	378811	18.99	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	190559	18.35	ng/ul	97
16) 4-Methylphenol	8.57	108	255781	18.79	ng/ul	96
17) Hexachloroethane	8.87	117	106055	19.81	ng/ul	97
20) Nitrobenzene	9.00	77	292749	20.66	ng/ul	100
21) Isophorone	9.52	82	508112	19.15	ng/ul	99
23) 2-Nitrophenol	9.70	139	135961	21.13	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	297218	20.16	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	312169	19.59	ng/ul	100
27) 2,4-Dichlorophenol	10.23	162	248205	20.22	ng/ul	98
28) Naphthalene	10.64	128	760436	20.25	ng/ul	99
30) 4-Chloroaniline	10.75	127	300716	20.00	ng/ul	95
31) Hexachlorobutadiene	10.92	225	187994	20.72	ng/ul	99
32) Caprolactam	11.49	113	68892	16.57	ng/ul	100
33) 4-Chloro-3-methylphenol	11.87	107	258084	19.25	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	566816	19.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	330191	21.76	ng/ul	97
37) Hexachlorocyclopentadiene	12.60	237	146885	15.20	ng/ul	98
38) 2,4,6-Trichlorophenol	12.86	196	201979	20.76	ng/ul	96
39) 2,4,5-Trichlorophenol	12.93	196	212733	20.88	ng/ul	94
40) 1,1'-Biphenyl	13.26	154	721315	20.96	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	558471	20.68	ng/ul	99
42) 2-Nitroaniline	13.51	65	156516	20.19	ng/ul	97
44) Dimethylphthalate	13.89	163	680756	19.21	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	139293	20.23	ng/ul	93
47) Acenaphthylene	14.16	152	894058	20.40	ng/ul	99
48) 3-Nitroaniline	14.34	138	135965	19.96	ng/ul	93
49) Acenaphthene	14.50	153	573911	20.17	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	55878	13.69	ng/ul#	87
52) 4-Nitrophenol	14.64	109	118087	18.29	ng/ul	91
53) Dibenzofuran	14.83	168	847110	20.05	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	197472	19.44	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	196139	19.92	ng/ul#	95
56) Diethylphthalate	15.26	149	682328	18.26	ng/ul	99
58) Fluorene	15.48	166	674117	19.79	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.48	204	352912	19.62	ng/ul	98
60) 4-Nitroaniline	15.50	138	143760	18.00	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	99171	16.43	ng/ul	96
64) N-Nitrosodiphenylamine	15.69	169	584549	20.57	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	234047	20.58	ng/ul	98
66) Hexachlorobenzene	16.48	284	263228	20.46	ng/ul	98
67) Atrazine	16.64	200	226306	19.76	ng/ul	100
68) Pentachlorophenol	16.83	266	150827	19.06	ng/ul	98
69) Phenanthrene	17.22	178	1087185	20.13	ng/ul	100
71) Anthracene	17.31	178	1127126	20.34	ng/ul	100
72) Carbazole	17.58	167	985808	20.65	ng/ul	98
73) Di-n-butylphthalate	18.14	149	1156242	19.81	ng/ul	99
74) Fluoranthene	19.23	202	1395411	21.31	ng/ul	100
77) Pyrene	19.60	202	1469556	20.09	ng/ul	98
78) Butylbenzylphthalate	20.50	149	564680	19.86	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	511097	20.01	ng/ul	98
80) Benzo(a)anthracene	21.34	228	1592945	20.38	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.27	149	790082	18.78	ng/ul	98
82) Chrysene	21.40	228	1421344	19.90	ng/ul	100
84) Di-n-octyl phthalate	22.16	149	1422548	19.88	ng/ul	100
85) Benzo(b)fluoranthene	22.94	252	1673453	20.03	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	1630785	20.78	ng/ul	99
88) Benzo(a)pyrene	23.53	252	1614629	20.39	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.93	276	1941035	19.99	ng/ul	99
90) Dibenzo(a,h)anthracene	25.94	278	1628819	19.99	ng/ul	99
91) Benzo(g,h,i)perylene	26.63	276	1583534	19.30	ng/ul	99

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

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