Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091916\
Data File : BM007489.D
Acq On : 20 Sep 2016 00:38
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Sep 20 01:40:59 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 20 01:35:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	176980	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	845280	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	580167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1493555	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	2030461	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	2167597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	30325	8.76	ng/uL	0.00
5) Phenol-d5	6.96	99	324318	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	181125	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	243171	19.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	279179	19.15	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	125655	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	147733	20.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	287111	19.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	368642	20.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1006289	20.10	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	1181622	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	177320	18.77	ng/ul	0.00
57) Fluorene-d10	15.41	176	866172	20.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	190375	20.27	ng/ul	0.00
70) Anthracene-d10	17.26	188	1430817	20.51	ng/ul	0.00
76) Pyrene-d10	19.56	212	1791943	21.11	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2026892	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	33505	8.68	ng/uL	95
4) Benzaldehyde	6.94	77	213020	22.37	ng/ul	98
6) Phenol	6.99	94	334020	19.26	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	246399	20.40	ng/ul	98
10) 2-Chlorophenol	7.36	128	252315	19.94	ng/ul	99
11) 2-Methylphenol	8.23	108	261614	19.30	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	283131	20.83	ng/ul	99
14) Acetophenone	8.61	105	444270	19.87	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.59	70	234892	19.77	ng/ul	96
16) 4-Methylphenol	8.56	108	295038	19.40	ng/ul	98
17) Hexachloroethane	8.86	117	102543	20.84	ng/ul	98
20) Nitrobenzene	8.99	77	332600	20.87	ng/ul	99
21) Isophorone	9.50	82	646191	19.90	ng/ul	99
23) 2-Nitrophenol	9.69	139	159079	20.19	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	360243	20.73	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	369849	20.21	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	284410	19.85	ng/ul	95
28) Naphthalene	10.62	128	861944	20.50	ng/ul	99
30) 4-Chloroaniline	10.74	127	377747	20.39	ng/ul	97
31) Hexachlorobutadiene	10.90	225	200415	20.70	ng/ul	97
32) Caprolactam	11.50	113	105953	18.35	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	356156	20.08	ng/ul	95
34) 2-Methylnaphthalene	12.23	142	692420	20.12	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.60	216	404258	20.93	ng/ul	99
37) Hexachlorocyclopentadiene	12.58	237	204951	17.59	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	271236	19.85	ng/ul	100
39) 2,4,5-Trichlorophenol	12.92	196	291478	20.46	ng/ul	97
40) 1,1'-Biphenyl	13.25	154	941124	20.92	ng/ul	98
41) 2-Chloronaphthalene	13.29	162	725241	20.56	ng/ul	99
42) 2-Nitroaniline	13.50	65	236335	20.51	ng/ul	98
44) Dimethylphthalate	13.87	163	992911	19.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	203839	20.00	ng/ul	95
47) Acenaphthylene	14.14	152	1232607	20.65	ng/ul	99
48) 3-Nitroaniline	14.33	138	204675	19.68	ng/ul	93
49) Acenaphthene	14.49	153	794616	20.46	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	120863	17.49	ng/ul	86
52) 4-Nitrophenol	14.64	109	184687	18.37	ng/ul	93
53) Dibenzofuran	14.82	168	1180532	20.31	ng/ul	99
54) 2,4-Dinitrotoluene	14.79	165	311517	19.94	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	291010	19.91	ng/ul	99
56) Diethylphthalate	15.24	149	1017270	19.56	ng/ul	98
58) Fluorene	15.47	166	969600	20.25	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	507670	20.28	ng/ul	98
60) 4-Nitroaniline	15.50	138	223264	18.92	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	203466	20.30	ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	876571	21.02	ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	347612	20.61	ng/ul	98
66) Hexachlorobenzene	16.47	284	383627	20.32	ng/ul	98
67) Atrazine	16.63	200	360232	20.46	ng/ul	98
68) Pentachlorophenol	16.82	266	232517	19.08	ng/ul	98
69) Phenanthrene	17.20	178	1663089	20.74	ng/ul	100
71) Anthracene	17.30	178	1727670	20.87	ng/ul	99
72) Carbazole	17.57	167	1511168	21.01	ng/ul	99
73) Di-n-butylphthalate	18.13	149	1798991	19.87	ng/ul	99
74) Fluoranthene	19.22	202	2167324	21.54	ng/ul	99
77) Pyrene	19.59	202	2278132	20.91	ng/ul	97
78) Butylbenzylphthalate	20.48	149	915520	20.20	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	860211	21.34	ng/ul	100
80) Benzo(a)anthracene	21.33	228	2451924	20.48	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.25	149	1325193	20.16	ng/ul	98
82) Chrysene	21.38	228	2247335	20.73	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	2391561	22.15	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	2594086	20.24	ng/ul	100
86) Benzo(k)fluoranthene	22.97	252	2540265	21.44	ng/ul	100
88) Benzo(a)pyrene	23.51	252	2526670	20.60	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	2863931	19.03	ng/ul	98
90) Dibenzo(a,h)anthracene	25.91	278	2359700	18.85	ng/ul	98
91) Benzo(g,h,i)perylene	26.60	276	2388500	18.69	ng/ul	99

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

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