Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM091916\
Data File : BM007478.D
Acq On : 19 Sep 2016 17:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02056

Quant Time: Sep 19 17:58:54 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 09 03:02:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	161718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	749466	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	507684	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.16	188	1303907	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	1855540	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2026225	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	27817	8.79	ng/uL	0.00
5) Phenol-d5	6.96	99	289203	18.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	165662	20.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	220776	19.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	243696	18.29	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	112289	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	129834	20.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	253659	19.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	325799	20.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	872355	19.92	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1029840	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	153859	18.61	ng/ul	-0.01
57) Fluorene-d10	15.42	176	755811	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	159141	19.41	ng/ul	0.00
70) Anthracene-d10	17.26	188	1262286	20.72	ng/ul	0.00
76) Pyrene-d10	19.56	212	1579174	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	1879892	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	29055	8.23	ng/uL	96
4) Benzaldehyde	6.94	77	191901	22.05	ng/ul	98
6) Phenol	6.99	94	301253	19.01	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	219447	19.88	ng/ul	97
10) 2-Chlorophenol	7.36	128	228618	19.77	ng/ul	99
11) 2-Methylphenol	8.23	108	231206	18.67	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	253518	20.41	ng/ul	98
14) Acetophenone	8.60	105	393475	19.26	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.59	70	208614	19.21	ng/ul	95
16) 4-Methylphenol	8.56	108	260904	18.78	ng/ul	99
17) Hexachloroethane	8.86	117	91403	20.33	ng/ul	96
20) Nitrobenzene	8.99	77	294429	20.83	ng/ul	99
21) Isophorone	9.50	82	576428	20.02	ng/ul	99
23) 2-Nitrophenol	9.69	139	141710	20.29	ng/ul	96
24) 2,4-Dimethylphenol	9.75	107	314933	20.44	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	328422	20.24	ng/ul	99
27) 2,4-Dichlorophenol	10.22	162	252024	19.84	ng/ul	97
28) Naphthalene	10.62	128	765713	20.54	ng/ul	99
30) 4-Chloroaniline	10.73	127	334985	20.39	ng/ul	97
31) Hexachlorobutadiene	10.90	225	176811	20.59	ng/ul	97
32) Caprolactam	11.50	113	93280	18.23	ng/ul	96
33) 4-Chloro-3-methylphenol	11.86	107	307333	19.54	ng/ul	96
34) 2-Methylnaphthalene	12.23	142	603226	19.77	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.60	216	357887	21.17 ng/ul	96
37) Hexachlorocyclopentadiene	12.58	237	172073	16.87 ng/ul	97
38) 2,4,6-Trichlorophenol	12.85	196	234003	19.57 ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	243557	19.54 ng/ul	99
40) 1,1'-Biphenyl	13.25	154	809139	20.55 ng/ul	99
41) 2-Chloronaphthalene	13.29	162	636978	20.63 ng/ul	99
42) 2-Nitroaniline	13.50	65	205418	20.37 ng/ul	96
44) Dimethylphthalate	13.87	163	864460	19.82 ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	177953	19.96 ng/ul	94
47) Acenaphthylene	14.14	152	1075967	20.60 ng/ul	99
48) 3-Nitroaniline	14.33	138	181341	19.92 ng/ul	98
49) Acenaphthene	14.49	153	696428	20.49 ng/ul	98
50) 2,4-Dinitrophenol	14.55	184	94181	15.58 ng/ul#	84
52) 4-Nitrophenol	14.65	109	155710	17.70 ng/ul	93
53) Dibenzofuran	14.82	168	1023206	20.11 ng/ul	98
54) 2,4-Dinitrotoluene	14.79	165	272422	19.93 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.05	232	245296	19.18 ng/ul#	97
56) Diethylphthalate	15.24	149	889778	19.55 ng/ul	99
58) Fluorene	15.47	166	847909	20.24 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.46	204	443736	20.26 ng/ul	99
60) 4-Nitroaniline	15.50	138	196932	19.07 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	168438	19.25 ng/ul	99
64) N-Nitrosodiphenylamine	15.68	169	757257	20.80 ng/ul	100
65) 4-Bromophenyl-phenylether	16.36	248	301073	20.45 ng/ul	100
66) Hexachlorobenzene	16.47	284	329040	19.96 ng/ul	97
67) Atrazine	16.63	200	313860	20.42 ng/ul	98
68) Pentachlorophenol	16.82	266	196142	18.44 ng/ul	99
69) Phenanthrene	17.20	178	1447453	20.68 ng/ul	100
71) Anthracene	17.30	178	1516954	20.99 ng/ul	99
72) Carbazole	17.57	167	1349204	21.48 ng/ul	99
73) Di-n-butylphthalate	18.13	149	1597734	20.22 ng/ul	99
74) Fluoranthene	19.22	202	1927332	21.94 ng/ul	100
77) Pyrene	19.59	202	2040566	20.50 ng/ul	99
78) Butylbenzylphthalate	20.48	149	829084	20.02 ng/ul	97
79) 3,3'-Dichlorobenzidine	21.26	252	791575	21.49 ng/ul	98
80) Benzo(a)anthracene	21.33	228	2244248	20.52 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	1225241	20.40 ng/ul	98
82) Chrysene	21.38	228	2063195	20.82 ng/ul	99
84) Di-n-octyl phthalate	22.14	149	2233610	22.13 ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	2385301	19.91 ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	2362203	21.33 ng/ul	99
88) Benzo(a)pyrene	23.52	252	2346226	20.46 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.90	276	2707608	19.25 ng/ul	99
90) Dibenzo(a,h)anthracene	25.91	278	2232376	19.08 ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	2265241	18.96 ng/ul	98

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

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