Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090716\
Data File : BM007441.D
Acq On : 07 Sep 2016 15:53
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02048

Quant Time: Sep 07 16:24:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 13:42:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	252318	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1243628	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	861264	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2204088	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2815511	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2685642	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	41082	8.32	ng/uL	0.00
5) Phenol-d5	6.96	99	471928	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	255328	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	356868	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	408886	19.67	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	190887	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	222833	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	432356	20.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	549002	20.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1445407	19.45	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1747592	20.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	267547	19.07	ng/ul	0.00
57) Fluorene-d10	15.42	176	1278160	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	281428	20.31	ng/ul	0.00
70) Anthracene-d10	17.27	188	2121666	20.61	ng/ul	0.00
76) Pyrene-d10	19.56	212	2562784	21.77	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2507505	20.27	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	42756	7.77	ng/uL	98
4) Benzaldehyde	6.94	77	285432	21.02	ng/ul	99
6) Phenol	6.99	94	492149	19.91	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.22	93	347269	20.16	ng/ul	99
10) 2-Chlorophenol	7.36	128	363775	20.17	ng/ul	99
11) 2-Methylphenol	8.23	108	385299	19.94	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	395824	20.42	ng/ul	99
14) Acetophenone	8.61	105	629526	19.75	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	333096	19.66	ng/ul	97
16) 4-Methylphenol	8.56	108	429689	19.82	ng/ul	98
17) Hexachloroethane	8.86	117	141281	20.14	ng/ul	99
20) Nitrobenzene	8.99	77	481888	20.55	ng/ul	99
21) Isophorone	9.51	82	935547	19.58	ng/ul	99
23) 2-Nitrophenol	9.70	139	240183	20.72	ng/ul	98
24) 2,4-Dimethylphenol	9.76	107	522220	20.43	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	533515	19.82	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	429842	20.39	ng/ul	99
28) Naphthalene	10.63	128	1241308	20.07	ng/ul	99
30) 4-Chloroaniline	10.74	127	569996	20.91	ng/ul	97
31) Hexachlorobutadiene	10.91	225	288388	20.24	ng/ul	97
32) Caprolactam	11.50	113	113234	13.33	ng/ul	98
33) 4-Chloro-3-methylphenol	11.86	107	523095	20.04	ng/ul	94
34) 2-Methylnaphthalene	12.24	142	1007274	19.90	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	596952	20.81 ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	279570	16.16 ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	405526	19.99 ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	436667	20.65 ng/ul	99
40) 1,1'-Biphenyl	13.26	154	1359882	20.36 ng/ul	99
41) 2-Chloronaphthalene	13.30	162	1060644	20.25 ng/ul	99
42) 2-Nitroaniline	13.51	65	357440	20.90 ng/ul	99
44) Dimethylphthalate	13.88	163	1426856	19.28 ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	314493	20.79 ng/ul	93
47) Acenaphthylene	14.14	152	1804197	20.36 ng/ul	99
48) 3-Nitroaniline	14.33	138	321775	20.84 ng/ul	97
49) Acenaphthene	14.49	153	1165125	20.21 ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	181080	17.65 ng/ul#	83
52) 4-Nitrophenol	14.65	109	278538	18.67 ng/ul	87
53) Dibenzofuran	14.82	168	1726433	20.01 ng/ul	96
54) 2,4-Dinitrotoluene	14.80	165	467957	20.18 ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	15.05	232	437954	20.19 ng/ul#	96
56) Diethylphthalate	15.24	149	1481874	19.20 ng/ul	98
58) Fluorene	15.47	166	1403036	19.74 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	734018	19.76 ng/ul	96
60) 4-Nitroaniline	15.50	138	344306	19.65 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.56	198	297101	20.08 ng/ul	97
64) N-Nitrosodiphenylamine	15.69	169	1278315	20.77 ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	524280	21.07 ng/ul	98
66) Hexachlorobenzene	16.47	284	569264	20.43 ng/ul	97
67) Atrazine	16.63	200	533739	20.54 ng/ul	98
68) Pentachlorophenol	16.82	266	349246	19.42 ng/ul	99
69) Phenanthrene	17.21	178	2432244	20.56 ng/ul	99
71) Anthracene	17.30	178	2531212	20.72 ng/ul	99
72) Carbazole	17.57	167	2219809	20.91 ng/ul	99
73) Di-n-butylphthalate	18.13	149	2658530	19.90 ng/ul	99
74) Fluoranthene	19.23	202	3173973	21.37 ng/ul	99
77) Pyrene	19.59	202	3293235	21.80 ng/ul	98
78) Butylbenzylphthalate	20.49	149	1368984	21.78 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.27	252	1088552	19.47 ng/ul	98
80) Benzo(a)anthracene	21.33	228	3401311	20.49 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1897695	20.82 ng/ul	99
82) Chrysene	21.39	228	3100727	20.63 ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3492427	26.11 ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	3350047	21.10 ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3207328	21.85 ng/ul	99
88) Benzo(a)pyrene	23.52	252	3104963	20.43 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	3172954	17.02 ng/ul	99
90) Dibenzo(a,h)anthracene	25.92	278	2669718	17.21 ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	2584152	16.32 ng/ul	97

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

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