Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041615\
Data File : BM001020.D
Acq On : 16 Apr 2015 15:52
Operator : TP/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02028

Quant Time: Apr 16 16:50:15 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 16 14:58:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	305916	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1336398	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	763912	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1581788	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1364532	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1149128	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	50526	7.70	ng/uL	0.00
5) Phenol-d5	6.76	99	491520	20.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	303650	20.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	395664	20.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	396525	20.42	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	186295	20.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	208832	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	400402	20.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	511021	25.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1048709	20.60	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1510692	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	197654	19.55	ng/ul	0.00
57) Fluorene-d10	15.24	176	1017175	20.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	177046	19.64	ng/ul	0.00
70) Anthracene-d10	17.09	188	1450624	20.26	ng/ul	0.00
76) Pyrene-d10	19.39	212	1422937	22.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1044941	20.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	52490	7.73	ng/uL	99
4) Benzaldehyde	6.72	77	316679	20.74	ng/ul	97
6) Phenol	6.79	94	526181	20.34	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.01	93	407532	20.09	ng/ul	97
10) 2-Chlorophenol	7.15	128	415652	20.24	ng/ul	99
11) 2-Methylphenol	8.03	108	397862	20.30	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	740128	20.72	ng/ul	98
14) Acetophenone	8.40	105	649940	21.10	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.39	70	331345	21.81	ng/ul	99
16) 4-Methylphenol	8.36	108	437181	20.63	ng/ul	99
17) Hexachloroethane	8.65	117	158692	19.93	ng/ul	98
20) Nitrobenzene	8.78	77	476924	20.47	ng/ul	99
21) Isophorone	9.30	82	869364	21.11	ng/ul	99
23) 2-Nitrophenol	9.49	139	231416	20.89	ng/ul	97
24) 2,4-Dimethylphenol	9.56	107	479124	20.51	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	561841	20.68	ng/ul	99
27) 2,4-Dichlorophenol	10.02	162	397002	20.26	ng/ul	99
28) Naphthalene	10.42	128	1383813	19.97	ng/ul	99
30) 4-Chloroaniline	10.53	127	516923	25.21	ng/ul	99
31) Hexachlorobutadiene	10.70	225	231259	19.66	ng/ul	99
32) Caprolactam	11.28	113	115536	20.81	ng/ul	92
33) 4-Chloro-3-methylphenol	11.67	107	428081	21.28	ng/ul	97
34) 2-Methylnaphthalene	12.04	142	993664	20.53	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	463183	19.65	ng/ul	99
37) Hexachlorocyclopentadiene	12.39	237	252949	18.86	ng/ul	97
38) 2,4,6-Trichlorophenol	12.66	196	297063	20.61	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	315332	20.40	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	1283034	20.06	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	978209	19.99	ng/ul	99
42) 2-Nitroaniline	13.32	65	272614	21.45	ng/ul	96
44) Dimethylphthalate	13.70	163	1178000	20.66	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	230643	21.73	ng/ul	96
47) Acenaphthylene	13.96	152	1611834	20.40	ng/ul	100
48) 3-Nitroaniline	14.16	138	235195	23.54	ng/ul	94
49) Acenaphthene	14.31	153	1039618	19.95	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	112237	18.00	ng/ul	97
52) 4-Nitrophenol	14.47	109	144816	19.12	ng/ul	95
53) Dibenzofuran	14.65	168	1454281	20.06	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	334355	21.25	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	14.87	232	257000	20.45	ng/ul#	98
56) Diethylphthalate	15.08	149	1167557	20.65	ng/ul	100
58) Fluorene	15.30	166	1204790	20.19	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.29	204	577954	20.31	ng/ul	98
60) 4-Nitroaniline	15.32	138	252891	20.15	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.39	198	191175	19.79	ng/ul#	95
64) N-Nitrosodiphenylamine	15.51	169	1009555	20.71	ng/ul	99
65) 4-Bromophenyl-phenylether	16.19	248	317454	20.70	ng/ul	97
66) Hexachlorobenzene	16.30	284	344945	19.94	ng/ul	99
67) Atrazine	16.46	200	322410	19.81	ng/ul	96
68) Pentachlorophenol	16.65	266	181124	18.78	ng/ul	98
69) Phenanthrene	17.03	178	1774763	20.04	ng/ul	100
71) Anthracene	17.12	178	1814477	20.13	ng/ul	99
72) Carbazole	17.40	167	1579447	19.63	ng/ul	98
73) Di-n-butylphthalate	17.96	149	1815334	20.43	ng/ul	99
74) Fluoranthene	19.06	202	1838703	19.47	ng/ul	100
77) Pyrene	19.42	202	1918019	22.13	ng/ul	98
78) Butylbenzylphthalate	20.33	149	678237	21.30	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.12	252	456926	21.57	ng/ul	98
80) Benzo(a)anthracene	21.18	228	1608428	20.28	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.12	149	986900	20.72	ng/ul	99
82) Chrysene	21.23	228	1521128	20.13	ng/ul	100
84) Di-n-octyl phthalate	21.97	149	1570312	20.23	ng/ul	100
85) Benzo(b)fluoranthene	22.72	252	1419095	20.02	ng/ul	99
86) Benzo(k)fluoranthene	22.76	252	1369865	20.66	ng/ul	99
88) Benzo(a)pyrene	23.27	252	1339740	20.20	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	1425459	19.76	ng/ul	99
90) Dibenzo(a,h)anthracene	25.54	278	1206964	19.88	ng/ul	98
91) Benzo(g,h,i)perylene	26.20	276	1211186	19.87	ng/ul	99

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

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