Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102817\
Data File : BM012538.D
Acq On : 28 Oct 2017 23:20
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02068

Manual Integrations APPROVED
Sohil
10/30/2017 6:33:04 PM

Quant Time: Oct 30 09:12:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 30 08:26:05 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	639739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	2589296	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	1558258	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	3479046	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2895186	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	2641528	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	96510	7.71	ng/uL	0.00
5) Phenol-d5	7.03	99	1010255	18.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.20	67	602513	18.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.40	132	790717	19.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	827203	18.11	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	380516	23.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	437712	26.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.28	165	866887	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	995656	21.34	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2422173	17.79	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	3079011	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	405297	20.03	ng/ul	0.00
57) Fluorene-d10	15.49	176	2074326	18.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	351480	20.88	ng/ul	0.00
70) Anthracene-d10	17.34	188	3212683	19.38	ng/ul	0.00
76) Pyrene-d10	19.63	212	3187595	24.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	2368699	18.87	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.39	88	103472	7.736	ng/uL#	65
4) Benzaldehyde	7.01	77	681903	23.465	ng/ul	94
6) Phenol	7.06	94	1032734	18.560	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.29	93	782816	19.130	ng/ul	97
10) 2-Chlorophenol	7.43	128	814448	19.883	ng/ul	97
11) 2-Methylphenol	8.31	108	754269	17.978	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.40	45	888358	19.758	ng/ul#	83
14) Acetophenone	8.69	105	1261968	17.585	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.67	70	674470	17.221	ng/ul#	64
16) 4-Methylphenol	8.64	108	828972	18.052	ng/ul	94
17) Hexachloroethane	8.95	117	336333	19.376	ng/ul	88
20) Nitrobenzene	9.07	77	996164	21.325	ng/ul	94
21) Isophorone	9.59	82	1785886	18.065	ng/ul#	95
23) 2-Nitrophenol	9.77	139	461685	24.871	ng/ul#	78
24) 2,4-Dimethylphenol	9.83	107	964064	18.460	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.07	93	1054343	18.978	ng/ul	95
27) 2,4-Dichlorophenol	10.31	162	840784	19.474	ng/ul#	90
28) Naphthalene	10.71	128	2477819	19.300	ng/ul	100
30) 4-Chloroaniline	10.82	127	1001345	21.309	ng/ul	94
31) Hexachlorobutadiene	10.99	225	614123	18.541	ng/ul	95
32) Caprolactam	11.60	113	251532m	17.989	ng/ul	
33) 4-Chloro-3-methylphenol	11.95	107	859122	17.712	ng/ul	96
34) 2-Methylnaphthalene	12.32	142	1878501	18.018	ng/ul	95

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36) 1,2,4,5-Tetrachlorobenzene	12.69	216	1091048	19.772	ng/ul	97
37) Hexachlorocyclopentadiene	12.67	237	458795	12.875	ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	725422	21.954	ng/ul	98
39) 2,4,5-Trichlorophenol	13.00	196	747995	21.356	ng/ul	97
40) 1,1'-Biphenyl	13.33	154	2451554	19.720	ng/ul	99
41) 2-Chloronaphthalene	13.37	162	1944064	19.935	ng/ul	100
42) 2-Nitroaniline	13.57	65	567409	25.019	ng/ul	93
44) Dimethylphthalate	13.96	163	2416512	17.946	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	508363	23.757	ng/ul	89
47) Acenaphthylene	14.22	152	2957107	19.242	ng/ul	99
48) 3-Nitroaniline	14.40	138	488074	24.342	ng/ul	93
49) Acenaphthene	14.56	153	1992209	18.926	ng/ul	100
50) 2,4-Dinitrophenol	14.61	184	222341	18.510	ng/ul	96
52) 4-Nitrophenol	14.72	109	368065	17.927	ng/ul	79
53) Dibenzofuran	14.90	168	2888571	18.544	ng/ul	97
54) 2,4-Dinitrotoluene	14.86	165	723555	22.577	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.12	232	664827	20.509	ng/ul	93
56) Diethylphthalate	15.32	149	2400218	17.485	ng/ul	96
58) Fluorene	15.54	166	2369301	17.983	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	1274173	17.775	ng/ul	98
60) 4-Nitroaniline	15.56	138	534161	21.252	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	375211	20.262	ng/ul	91
64) N-Nitrosodiphenylamine	15.75	169	2049264	20.269	ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	824179	19.775	ng/ul	98
66) Hexachlorobenzene	16.55	284	906642	19.666	ng/ul	96
67) Atrazine	16.70	200	817816	18.810	ng/ul	93
68) Pentachlorophenol	16.89	266	519484	20.604	ng/ul	99
69) Phenanthrene	17.28	178	3625767	19.272	ng/ul	99
71) Anthracene	17.37	178	3781486	19.446	ng/ul	99
72) Carbazole	17.64	167	3189819	19.803	ng/ul	100
73) Di-n-butylphthalate	18.20	149	4015689	19.549	ng/ul#	98
74) Fluoranthene	19.29	202	4107224	19.266	ng/ul#	91
77) Pyrene	19.66	202	4125520	25.058	ng/ul#	91
78) Butylbenzylphthalate	20.55	149	1765386	27.216	ng/ul	91
79) 3,3'-Dichlorobenzidine	21.33	252	1160774	18.269	ng/ul	94
80) Benzo(a)anthracene	21.40	228	3400797	19.616	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.33	149	2592783	26.272	ng/ul	99
82) Chrysene	21.44	228	3004286	19.490	ng/ul	99
84) Di-n-octyl phthalate	22.22	149	3994909	29.156	ng/ul	98
85) Benzo(b)fluoranthene	23.02	252	3179197	19.470	ng/ul#	98
86) Benzo(k)fluoranthene	23.06	252	2865095	18.642	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	2957597	18.997	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	3649699	19.918	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.07	278	3072232	19.777	ng/ul#	97
91) Benzo(g,h,i)perylene	26.77	276	3027869	20.390	ng/ul#	95

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

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