Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012183.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
Sohil
10/16/2017 7:48:08 PM

Quant Time: Oct 15 06:13:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 05:22:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	158732	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	805625	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	539106	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	1400258	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1806032	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1889614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	21033	6.30	ng/uL	0.00
5) Phenol-d5	6.98	99	244216	18.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	138203	17.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	212734	19.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	242335	21.85	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	115715	18.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	136059	18.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	281684	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	312050	24.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	954502	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1074290	18.63	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	143091	19.98	ng/ul	0.00
57) Fluorene-d10	15.46	176	795899	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	187584	19.52	ng/ul	0.00
70) Anthracene-d10	17.31	188	1400554	20.23	ng/ul	0.00
76) Pyrene-d10	19.60	212	1657327	18.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1778140	19.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	22699	6.660	ng/uL#	65
4) Benzaldehyde	6.96	77	164966	19.169	ng/ul	89
6) Phenol	7.00	94	251629	18.900	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.23	93	188829	18.611	ng/ul	99
10) 2-Chlorophenol	7.37	128	217430	19.502	ng/ul	97
11) 2-Methylphenol	8.26	108	209548	20.927	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.35	45	242144	18.796	ng/ul#	83
14) Acetophenone	8.64	105	372340	22.095	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.62	70	196294	21.734	ng/ul#	71
16) 4-Methylphenol	8.59	108	239011	21.660	ng/ul	90
17) Hexachloroethane	8.88	117	94097	20.001	ng/ul	87
20) Nitrobenzene	9.02	77	273910	17.932	ng/ul	92
21) Isophorone	9.55	82	538206	18.859	ng/ul#	94
23) 2-Nitrophenol	9.73	139	145581	18.898	ng/ul#	79
24) 2,4-Dimethylphenol	9.79	107	294623	18.977	ng/ul#	87
25) Bis(2-Chloroethoxy)methane	10.02	93	318532	19.036	ng/ul	96
27) 2,4-Dichlorophenol	10.27	162	272281	20.153	ng/ul	91
28) Naphthalene	10.66	128	816407	19.587	ng/ul	99
30) 4-Chloroaniline	10.78	127	312821	24.783	ng/ul	94
31) Hexachlorobutadiene	10.93	225	191551	19.129	ng/ul	95
32) Caprolactam	11.57	113	93495m	21.920	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	290009	20.488	ng/ul	98
34) 2-Methylnaphthalene	12.28	142	620926	19.741	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	371052	18.960	ng/ul	98
37) Hexachlorocyclopentadiene	12.62	237	164941	18.910	ng/ul	98
38) 2,4,6-Trichlorophenol	12.89	196	260341	20.064	ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	269280	20.166	ng/ul	96
40) 1,1'-Biphenyl	13.29	154	847467	18.626	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	691335	19.365	ng/ul	99
42) 2-Nitroaniline	13.55	65	205248	20.663	ng/ul	90
44) Dimethylphthalate	13.92	163	973949	20.402	ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	187395	19.777	ng/ul	91
47) Acenaphthylene	14.19	152	1055140	18.630	ng/ul	100
48) 3-Nitroaniline	14.38	138	160412	21.759	ng/ul	89
49) Acenaphthene	14.53	153	744875	19.525	ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	113158	21.030	ng/ul	98
52) 4-Nitrophenol	14.70	109	135126	20.990	ng/ul#	79
53) Dibenzofuran	14.86	168	1130979	20.589	ng/ul	98
54) 2,4-Dinitrotoluene	14.85	165	310966	22.644	ng/ul	91
55) 2,3,4,6-Tetrachlorophenol	15.09	232	263338	21.549	ng/ul	91
56) Diethylphthalate	15.28	149	1034598	20.050	ng/ul	95
58) Fluorene	15.51	166	940688	20.619	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	509652	21.266	ng/ul	98
60) 4-Nitroaniline	15.54	138	185737m	20.405	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.61	198	198460	19.562	ng/ul	91
64) N-Nitrosodiphenylamine	15.72	169	787372	17.965	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	330429	19.713	ng/ul	98
66) Hexachlorobenzene	16.52	284	362611	19.096	ng/ul#	90
67) Atrazine	16.67	200	364345	19.881	ng/ul	96
68) Pentachlorophenol	16.86	266	197057	18.607	ng/ul	97
69) Phenanthrene	17.25	178	1592245	19.989	ng/ul	99
71) Anthracene	17.34	178	1671100	20.264	ng/ul	99
72) Carbazole	17.62	167	1408560	20.182	ng/ul	98
73) Di-n-butylphthalate	18.16	149	1893692	19.543	ng/ul	97
74) Fluoranthene	19.27	202	2032109	21.139	ng/ul#	93
77) Pyrene	19.63	202	2143010	17.967	ng/ul#	92
78) Butylbenzylphthalate	20.52	149	943465	17.770	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.30	252	678392	18.874	ng/ul#	94
80) Benzo(a)anthracene	21.37	228	2237056	19.036	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.28	149	1401326	17.589	ng/ul#	96
82) Chrysene	21.43	228	2044661	18.532	ng/ul	99
84) Di-n-octyl phthalate	22.17	149	2438227	17.649	ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	2370907	19.227	ng/ul#	98
86) Benzo(k)fluoranthene	23.04	252	2159785	18.175	ng/ul#	98
88) Benzo(a)pyrene	23.60	252	2266491	19.501	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.06	276	2688338	21.781	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.06	278	2272403	21.902	ng/ul#	96
91) Benzo(g,h,i)perylene	26.79	276	2196698	21.731	ng/ul#	96

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

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