Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM100617\
Data File : BM011938.D
Acq On : 06 Oct 2017 13:16
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02026

Quant Time: Oct 07 03:56:46 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 06 04:40:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	230743	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.66	136	933421	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	531290	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1167298	20.00	ng/ul	-0.01
75) Chrysene-d12	21.42	240	1257629	20.00	ng/ul	0.00
83) Perylene-d12	23.74	264	1268836	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	42288	8.67	ng/uL	-0.01
5) Phenol-d5	7.02	99	380904	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	227116	19.33	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.39	132	332678	20.89	ng/ul	-0.01
13) 4-Methylphenol-d8	8.56	113	312378	18.20	ng/ul	-0.01
19) Nitrobenzene-d5	9.02	128	153023	23.02	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.75	143	179356	23.96	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.28	165	335860	22.20	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	386782	23.43	ng/ul	-0.01
43) Dimethylphthalate-d6	13.91	166	947980	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	1160468	21.45	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.70	143	151740	18.86	ng/ul	-0.01
57) Fluorene-d10	15.49	176	808097	19.88	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.62	200	145047	18.47	ng/ul	0.00
70) Anthracene-d10	17.34	188	1205815	20.96	ng/ul	-0.01
76) Pyrene-d10	19.63	212	1339778	23.62	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.59	264	1279105	20.96	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	44487	8.97	ng/uL#	66
4) Benzaldehyde	7.00	77	218909	22.13	ng/ul	88
6) Phenol	7.04	94	373169	19.00	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.27	93	292597	19.84	ng/ul	94
10) 2-Chlorophenol	7.42	128	320091	20.57	ng/ul	99
11) 2-Methylphenol	8.30	108	278647	18.65	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.39	45	362952	19.24	ng/ul#	86
14) Acetophenone	8.68	105	463214	18.45	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.66	70	248688	19.35	ng/ul#	70
16) 4-Methylphenol	8.63	108	300390	17.96	ng/ul	92
17) Hexachloroethane	8.93	117	136011	21.78	ng/ul	84
20) Nitrobenzene	9.06	77	355937	22.16	ng/ul	94
21) Isophorone	9.59	82	635553	21.22	ng/ul#	92
23) 2-Nitrophenol	9.77	139	180773	22.97	ng/ul#	78
24) 2,4-Dimethylphenol	9.83	107	351687	20.84	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.07	93	392097	21.32	ng/ul	95
27) 2,4-Dichlorophenol	10.31	162	311833	21.36	ng/ul#	92
28) Naphthalene	10.71	128	972122	20.76	ng/ul	99
30) 4-Chloroaniline	10.82	127	361593	22.32	ng/ul	92
31) Hexachlorobutadiene	10.99	225	238898	22.30	ng/ul	96
32) Caprolactam	11.60	113	88704	18.53	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.95	107	313874	19.78	ng/ul	93
34) 2-Methylnaphthalene	12.32	142	712760	19.96	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.69	216	407225	22.59 ng/ul	98
37) Hexachlorocyclopentadiene	12.67	237	217835	20.77 ng/ul	95
38) 2,4,6-Trichlorophenol	12.93	196	265450	23.19 ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	276269	22.93 ng/ul	99
40) 1,1'-Biphenyl	13.33	154	919731	21.65 ng/ul	99
41) 2-Chloronaphthalene	13.38	162	721990	21.72 ng/ul	99
42) 2-Nitroaniline	13.59	65	189885	22.50 ng/ul	93
44) Dimethylphthalate	13.96	163	904103	20.41 ng/ul	99
45) 2,6-Dinitrotoluene	14.08	165	180104	21.56 ng/ul	90
47) Acenaphthylene	14.23	152	1123687	21.42 ng/ul	99
48) 3-Nitroaniline	14.41	138	160763	20.72 ng/ul	88
49) Acenaphthene	14.57	153	746624	20.57 ng/ul	98
50) 2,4-Dinitrophenol	14.63	184	79512	14.41 ng/ul	98
52) 4-Nitrophenol	14.72	109	125226	19.48 ng/ul#	78
53) Dibenzofuran	14.90	168	1076556	20.43 ng/ul	98
54) 2,4-Dinitrotoluene	14.87	165	256075	20.74 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.13	232	246140	20.92 ng/ul	93
56) Diethylphthalate	15.32	149	913193	20.31 ng/ul	95
58) Fluorene	15.55	166	871531	19.81 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.54	204	467095	20.07 ng/ul	96
60) 4-Nitroaniline	15.57	138	168434	18.64 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	147673	18.40 ng/ul	92
64) N-Nitrosodiphenylamine	15.76	169	746173	22.13 ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	285339	21.82 ng/ul	95
66) Hexachlorobenzene	16.55	284	315065	21.55 ng/ul#	91
67) Atrazine	16.70	200	288208	21.59 ng/ul	94
68) Pentachlorophenol	16.90	266	188223	20.47 ng/ul	98
69) Phenanthrene	17.29	178	1332993	20.76 ng/ul	99
71) Anthracene	17.38	178	1382622	21.16 ng/ul	99
72) Carbazole	17.65	167	1139140	20.13 ng/ul	99
73) Di-n-butylphthalate	18.20	149	1794494	26.46 ng/ul#	98
74) Fluoranthene	19.30	202	1579900	20.17 ng/ul#	91
77) Pyrene	19.66	202	1638044	23.49 ng/ul#	90
78) Butylbenzylphthalate	20.54	149	719356	26.33 ng/ul#	90
79) 3,3'-Dichlorobenzidine	21.33	252	498955	21.31 ng/ul#	95
80) Benzo(a)anthracene	21.40	228	1598699	22.19 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.32	149	1053443	25.92 ng/ul#	96
82) Chrysene	21.46	228	1488058	21.74 ng/ul	99
84) Di-n-octyl phthalate	22.22	149	1779873	24.01 ng/ul	98
85) Benzo(b)fluoranthene	23.04	252	1568206	20.33 ng/ul#	97
86) Benzo(k)fluoranthene	23.08	252	1640861	21.31 ng/ul#	97
88) Benzo(a)pyrene	23.64	252	1542299	20.81 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	1837774	23.17 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.12	278	1553791	23.84 ng/ul#	95
91) Benzo(g,h,i)perylene	26.84	276	1564748	23.85 ng/ul#	93

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

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