Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120617\
Data File : BM013210.D
Acq On : 06 Dec 2017 15:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Dec 07 03:03:55 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 06 01:31:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	178075	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	800579	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	529330	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1272299	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1363414	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1120683	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	26899	7.48	ng/uL	0.00
5) Phenol-d5	6.87	99	297246	19.29	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.04	67	167691	19.08	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.24	132	238916	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	256559	19.49	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	123475	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	135921	20.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	277162	19.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.62	131	314762	24.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	881174	18.71	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1111283	19.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	149324	18.25	ng/ul	0.00
57) Fluorene-d10	15.34	176	776673	19.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	139035	17.37	ng/ul	0.00
70) Anthracene-d10	17.19	188	1246113	19.56	ng/ul	0.00
76) Pyrene-d10	19.48	212	1386627	20.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1118359	19.59	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	30838	7.640	ng/uL#	60
4) Benzaldehyde	6.85	77	156495	20.527	ng/ul	88
6) Phenol	6.90	94	291298	19.126	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.13	93	226447	19.445	ng/ul	94
10) 2-Chlorophenol	7.27	128	234666	19.878	ng/ul	99
11) 2-Methylphenol	8.15	108	227260	19.292	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.22	45	239164	19.559	ng/ul#	77
14) Acetophenone	8.52	105	394936	19.730	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.50	70	200847	19.920	ng/ul#	69
16) 4-Methylphenol	8.47	108	251129	19.936	ng/ul	98
17) Hexachloroethane	8.77	117	101744	19.796	ng/ul#	79
20) Nitrobenzene	8.90	77	306191	19.145	ng/ul	94
21) Isophorone	9.42	82	565046	20.079	ng/ul	94
23) 2-Nitrophenol	9.60	139	140714	19.975	ng/ul#	83
24) 2,4-Dimethylphenol	9.66	107	300789	19.577	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.90	93	328837	19.966	ng/ul	94
27) 2,4-Dichlorophenol	10.13	162	262426	20.290	ng/ul	93
28) Naphthalene	10.53	128	809303	19.649	ng/ul	99
30) 4-Chloroaniline	10.65	127	311449	24.998	ng/ul	95
31) Hexachlorobutadiene	10.81	225	180135	19.227	ng/ul	96
32) Caprolactam	11.42	113	81822	19.794	ng/ul#	29
33) 4-Chloro-3-methylphenol	11.77	107	277738	19.575	ng/ul	94
34) 2-Methylnaphthalene	12.15	142	615799	19.888	ng/ul	90

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	356588	18.669 ng/ul#	97
37) Hexachlorocyclopentadiene	12.50	237	202038	16.071 ng/ul	98
38) 2,4,6-Trichlorophenol	12.76	196	233968	19.649 ng/ul	96
39) 2,4,5-Trichlorophenol	12.84	196	246172	19.462 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	846121	18.914 ng/ul	97
41) 2-Chloronaphthalene	13.21	162	665638	18.965 ng/ul	98
42) 2-Nitroaniline	13.42	65	199759	19.426 ng/ul	91
44) Dimethylphthalate	13.80	163	855331	18.985 ng/ul	99
45) 2,6-Dinitrotoluene	13.92	165	176814	19.243 ng/ul#	97
47) Acenaphthylene	14.06	152	1034693	19.235 ng/ul	99
48) 3-Nitroaniline	14.25	138	165019	20.092 ng/ul	89
49) Acenaphthene	14.40	153	694844	18.962 ng/ul	96
50) 2,4-Dinitrophenol	14.46	184	82595	16.244 ng/ul	88
52) 4-Nitrophenol	14.57	109	146906	18.298 ng/ul#	83
53) Dibenzofuran	14.74	168	1034071	19.115 ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	256404	19.183 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.97	232	220447	19.008 ng/ul#	84
56) Diethylphthalate	15.17	149	856743	18.961 ng/ul	96
58) Fluorene	15.39	166	849656	18.986 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.39	204	455832	18.767 ng/ul	97
60) 4-Nitroaniline	15.42	138	185620	19.156 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.47	198	144130	18.020 ng/ul	93
64) N-Nitrosodiphenylamine	15.60	169	733050	19.559 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	289356	19.347 ng/ul	96
66) Hexachlorobenzene	16.39	284	314641	19.076 ng/ul#	88
67) Atrazine	16.56	200	282910	20.451 ng/ul	94
68) Pentachlorophenol	16.74	266	175456	18.392 ng/ul	98
69) Phenanthrene	17.13	178	1400700	19.378 ng/ul	97
71) Anthracene	17.22	178	1425077	19.288 ng/ul	98
72) Carbazole	17.49	167	1216410	19.141 ng/ul	100
73) Di-n-butylphthalate	18.06	149	1487396	20.049 ng/ul	98
74) Fluoranthene	19.14	202	1690934	19.089 ng/ul#	92
77) Pyrene	19.51	202	1705338	20.588 ng/ul#	91
78) Butylbenzylphthalate	20.42	149	688137	21.263 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.20	252	545759	19.042 ng/ul	92
80) Benzo(a)anthracene	21.26	228	1684740	19.476 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.20	149	1015100	20.809 ng/ul	97
82) Chrysene	21.31	228	1553010	19.351 ng/ul	98
84) Di-n-octyl phthalate	22.08	149	1708028	21.433 ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1500009	19.855 ng/ul#	98
86) Benzo(k)fluoranthene	22.88	252	1436172	20.201 ng/ul#	98
88) Benzo(a)pyrene	23.41	252	1329574	19.592 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.74	276	1319175	19.591 ng/ul#	92
90) Dibenzo(a,h)anthracene	25.75	278	1106217	19.293 ng/ul#	96
91) Benzo(g,h,i)perylene	26.42	276	1058863	19.936 ng/ul#	93

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

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