Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM120517\
Data File : BM013186.D
Acq On : 05 Dec 2017 11:55
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Quant Time: Dec 05 16:12:41 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 05 04:53:13 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	236994	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	1034822	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	639185	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1471813	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	1288897	20.00	ng/ul	0.00
83) Perylene-d12	23.51	264	1032453	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	32372	6.77	ng/uL	0.00
5) Phenol-d5	6.88	99	397618	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	230751	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	319614	19.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	345019	19.70	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	165344	20.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	179927	20.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	354344	19.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	407938	24.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1110767	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1394315	19.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	181502	18.37	ng/ul	0.00
57) Fluorene-d10	15.34	176	925918	18.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	161465	17.44	ng/ul	0.00
70) Anthracene-d10	17.19	188	1484239	20.14	ng/ul	0.00
76) Pyrene-d10	19.49	212	1533583	23.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	1033767	19.66	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	36001	6.701	ng/uL#	62
4) Benzaldehyde	6.86	77	212380	20.932	ng/ul	90
6) Phenol	6.91	94	400187	19.743	ng/ul#	82
8) Bis(2-Chloroethyl)ether	7.14	93	303078	19.555	ng/ul	98
10) 2-Chlorophenol	7.27	128	315090	20.055	ng/ul	98
11) 2-Methylphenol	8.15	108	308543	19.681	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	337905	20.764	ng/ul#	85
14) Acetophenone	8.52	105	522012	19.595	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.51	70	273474	20.380	ng/ul#	69
16) 4-Methylphenol	8.47	108	342305	20.418	ng/ul	98
17) Hexachloroethane	8.77	117	133191	19.472	ng/ul#	71
20) Nitrobenzene	8.90	77	392283	18.976	ng/ul#	90
21) Isophorone	9.42	82	748041	20.564	ng/ul	96
23) 2-Nitrophenol	9.60	139	185698	20.394	ng/ul#	81
24) 2,4-Dimethylphenol	9.67	107	398935	20.088	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	9.90	93	435923	20.476	ng/ul	95
27) 2,4-Dichlorophenol	10.14	162	328940	19.676	ng/ul#	91
28) Naphthalene	10.53	128	1058112	19.874	ng/ul	99
30) 4-Chloroaniline	10.65	127	397002	24.651	ng/ul	93
31) Hexachlorobutadiene	10.82	225	223509	18.457	ng/ul	93
32) Caprolactam	11.42	113	111940	20.950	ng/ul#	35
33) 4-Chloro-3-methylphenol	11.78	107	369579	20.152	ng/ul	98
34) 2-Methylnaphthalene	12.15	142	779707	19.482	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	438334	19.005 ng/ul#	94
37) Hexachlorocyclopentadiene	12.50	237	253986	16.731 ng/ul	95
38) 2,4,6-Trichlorophenol	12.77	196	291342	20.262 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	302743	19.821 ng/ul	98
40) 1,1'-Biphenyl	13.17	154	1053377	19.500 ng/ul#	98
41) 2-Chloronaphthalene	13.22	162	819630	19.339 ng/ul	98
42) 2-Nitroaniline	13.43	65	245829	19.798 ng/ul	90
44) Dimethylphthalate	13.81	163	1065218	19.580 ng/ul	98
45) 2,6-Dinitrotoluene	13.93	165	215984	19.466 ng/ul	98
47) Acenaphthylene	14.07	152	1269414	19.543 ng/ul	99
48) 3-Nitroaniline	14.26	138	208428	21.016 ng/ul	90
49) Acenaphthene	14.41	153	865029	19.549 ng/ul	100
50) 2,4-Dinitrophenol	14.47	184	95858	15.612 ng/ul	96
52) 4-Nitrophenol	14.57	109	167938	17.322 ng/ul#	77
53) Dibenzofuran	14.74	168	1253176	19.184 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	322683	19.993 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.97	232	272911	19.488 ng/ul	92
56) Diethylphthalate	15.18	149	1066185	19.541 ng/ul	95
58) Fluorene	15.40	166	1018831	18.853 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.40	204	547105	18.653 ng/ul	99
60) 4-Nitroaniline	15.42	138	231769	19.808 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.48	198	164347	17.763 ng/ul	99
64) N-Nitrosodiphenylamine	15.61	169	884542	20.402 ng/ul	98
65) 4-Bromophenyl-phenylether	16.29	248	341806	19.756 ng/ul	95
66) Hexachlorobenzene	16.40	284	368177	19.296 ng/ul#	93
67) Atrazine	16.57	200	341956	21.368 ng/ul	91
68) Pentachlorophenol	16.74	266	208177	18.864 ng/ul	96
69) Phenanthrene	17.13	178	1623019	19.410 ng/ul	99
71) Anthracene	17.23	178	1661704	19.442 ng/ul	99
72) Carbazole	17.50	167	1398862	19.028 ng/ul	99
73) Di-n-butylphthalate	18.07	149	1784366	20.791 ng/ul#	98
74) Fluoranthene	19.15	202	1880461	18.351 ng/ul#	91
77) Pyrene	19.52	202	1859347	23.745 ng/ul#	92
78) Butylbenzylphthalate	20.42	149	763535	24.956 ng/ul	94
79) 3,3'-Dichlorobenzidine	21.20	252	496855	18.338 ng/ul	98
80) Benzo(a)anthracene	21.26	228	1619917	19.809 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.20	149	1053560	22.846 ng/ul	98
82) Chrysene	21.32	228	1479664	19.503 ng/ul	99
84) Di-n-octyl phthalate	22.08	149	1636421	22.289 ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	1366079	19.628 ng/ul#	98
86) Benzo(k)fluoranthene	22.89	252	1270356	19.396 ng/ul#	99
88) Benzo(a)pyrene	23.41	252	1205313	19.279 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.75	276	1251537	20.175 ng/ul#	94
90) Dibenzo(a,h)anthracene	25.76	278	1056268	19.997 ng/ul#	96
91) Benzo(g,h,i)perylene	26.43	276	1013453	20.711 ng/ul#	96

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

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