Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012008.D
Acq On : 09 Oct 2017 12:21
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02034

Quant Time: Oct 10 01:08:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 09 04:22:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	182233	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	827164	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	532224	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.24	188	1325344	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1795116	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1973739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	32278	8.38	ng/uL	0.00
5) Phenol-d5	7.00	99	314395	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	187237	20.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	273503	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	271689	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	126620	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	148917	22.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	293358	21.88	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	357029	24.40	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	970786	21.05	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1163764	21.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	161467	20.04	ng/ul	0.00
57) Fluorene-d10	15.49	176	849193	20.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	171071	19.18	ng/ul	0.00
70) Anthracene-d10	17.34	188	1378656	21.11	ng/ul	0.00
76) Pyrene-d10	19.63	212	1696449	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	1999455	21.06	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	31024	7.924	ng/uL#	72
4) Benzaldehyde	6.99	77	175693	22.488	ng/ul	90
6) Phenol	7.03	94	310818	20.034	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.27	93	239465	20.556	ng/ul	96
10) 2-Chlorophenol	7.41	128	261303	21.260	ng/ul	97
11) 2-Methylphenol	8.29	108	242802	20.577	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.38	45	307838	20.663	ng/ul#	86
14) Acetophenone	8.67	105	406016	20.473	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.65	70	216144	21.297	ng/ul#	69
16) 4-Methylphenol	8.62	108	268092	20.298	ng/ul	92
17) Hexachloroethane	8.92	117	103670	21.022	ng/ul#	79
20) Nitrobenzene	9.06	77	312602	21.966	ng/ul	94
21) Isophorone	9.58	82	568118	21.408	ng/ul#	93
23) 2-Nitrophenol	9.77	139	155072	22.238	ng/ul#	76
24) 2,4-Dimethylphenol	9.82	107	324002	21.664	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.06	93	339260	20.820	ng/ul	96
27) 2,4-Dichlorophenol	10.30	162	285928	22.099	ng/ul	90
28) Naphthalene	10.70	128	863180	20.803	ng/ul	99
30) 4-Chloroaniline	10.82	127	344260	23.980	ng/ul	94
31) Hexachlorobutadiene	10.97	225	200533	21.125	ng/ul	94
32) Caprolactam	11.59	113	85606	20.181	ng/ul#	42
33) 4-Chloro-3-methylphenol	11.94	107	303165	21.557	ng/ul	94
34) 2-Methylnaphthalene	12.31	142	658211	20.803	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	377372	20.902 ng/ul	97
37) Hexachlorocyclopentadiene	12.66	237	229507	21.840 ng/ul	99
38) 2,4,6-Trichlorophenol	12.93	196	252868	22.051 ng/ul	97
39) 2,4,5-Trichlorophenol	13.00	196	269584	22.336 ng/ul	98
40) 1,1'-Biphenyl	13.33	154	882670	20.743 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	696866	20.929 ng/ul	98
42) 2-Nitroaniline	13.58	65	192163	22.735 ng/ul	91
44) Dimethylphthalate	13.95	163	929215	20.939 ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	178606	21.347 ng/ul#	96
47) Acenaphthylene	14.22	152	1119502	21.300 ng/ul	99
48) 3-Nitroaniline	14.40	138	167868	21.599 ng/ul	86
49) Acenaphthene	14.56	153	759497	20.883 ng/ul	98
50) 2,4-Dinitrophenol	14.62	184	83787	15.153 ng/ul	94
52) 4-Nitrophenol	14.71	109	137892	21.410 ng/ul	83
53) Dibenzofuran	14.89	168	1103598	20.908 ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	279669	22.607 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.12	232	259241	21.995 ng/ul	94
56) Diethylphthalate	15.31	149	949912	21.090 ng/ul	95
58) Fluorene	15.54	166	919497	20.860 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	472857	20.284 ng/ul	96
60) 4-Nitroaniline	15.57	138	189242	20.902 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.63	198	176075	19.325 ng/ul#	89
64) N-Nitrosodiphenylamine	15.75	169	801386	20.932 ng/ul	99
65) 4-Bromophenyl-phenylether	16.43	248	303009	20.410 ng/ul	94
66) Hexachlorobenzene	16.54	284	348259	20.982 ng/ul#	91
67) Atrazine	16.70	200	315964	20.846 ng/ul	95
68) Pentachlorophenol	16.89	266	212661	20.367 ng/ul	97
69) Phenanthrene	17.28	178	1516683	20.804 ng/ul	99
71) Anthracene	17.37	178	1568955	21.151 ng/ul	99
72) Carbazole	17.64	167	1349870	21.008 ng/ul	99
73) Di-n-butylphthalate	18.19	149	1659492	21.554 ng/ul#	97
74) Fluoranthene	19.29	202	1938444	21.793 ng/ul#	89
77) Pyrene	19.66	202	2088791	20.986 ng/ul#	89
78) Butylbenzylphthalate	20.54	149	866011	22.211 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.33	252	709751	21.238 ng/ul#	95
80) Benzo(a)anthracene	21.40	228	2250409	21.883 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1291722	22.269 ng/ul#	96
82) Chrysene	21.45	228	2111041	21.605 ng/ul	99
84) Di-n-octyl phthalate	22.21	149	2319042	20.111 ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	2530017	21.089 ng/ul#	97
86) Benzo(k)fluoranthene	23.08	252	2354653	19.659 ng/ul#	98
88) Benzo(a)pyrene	23.63	252	2417354	20.970 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	2771191	22.464 ng/ul#	91
90) Dibenzo(a,h)anthracene	26.11	278	2309166	22.781 ng/ul#	95
91) Benzo(g,h,i)perylene	26.83	276	2227017	21.824 ng/ul#	94

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

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