Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110217\
Data File : BM012665.D
Acq On : 02 Nov 2017 15:01
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02083

Quant Time: Nov 03 01:24:04 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 02 07:23:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	280179	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.62	136	989488	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.46	164	618434	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.21	188	1481092	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1224329	20.00	ng/ul	0.00
83) Perylene-d12	23.68	264	1342344	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	44575	8.13	ng/uL	-0.01
5) Phenol-d5	7.00	99	473752	20.24	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.16	67	280724	20.20	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.36	132	365740	20.86	ng/ul	-0.01
13) 4-Methylphenol-d8	8.53	113	391775	19.58	ng/ul	-0.01
19) Nitrobenzene-d5	8.98	128	175703	28.35	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.70	143	205635	32.21	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.25	165	385979	22.82	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.76	131	411369	23.07	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	1051563	19.46	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	1302430	20.38	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.67	143	182235	22.69	ng/ul	-0.01
57) Fluorene-d10	15.46	176	893213	19.53	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	165960	23.15	ng/ul	0.00
70) Anthracene-d10	17.31	188	1380168	19.55	ng/ul	0.00
76) Pyrene-d10	19.60	212	1148719	20.45	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	1291143	20.25	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	52140	8.901	ng/uL#	68
4) Benzaldehyde	6.97	77	318392	25.017	ng/ul	91
6) Phenol	7.03	94	498445	20.453	ng/ul#	81
8) Bis(2-Chloroethyl)ether	7.25	93	371812	20.747	ng/ul	98
10) 2-Chlorophenol	7.40	128	378134	21.078	ng/ul	98
11) 2-Methylphenol	8.27	108	354750	19.306	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.36	45	421228	21.392	ng/ul#	84
14) Acetophenone	8.65	105	590616	18.792	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.63	70	321208	18.727	ng/ul#	64
16) 4-Methylphenol	8.60	108	393960	19.589	ng/ul	90
17) Hexachloroethane	8.90	117	151562	19.936	ng/ul	85
20) Nitrobenzene	9.03	77	442290	24.776	ng/ul	94
21) Isophorone	9.55	82	852823	22.574	ng/ul#	94
23) 2-Nitrophenol	9.73	139	217164	30.613	ng/ul#	76
24) 2,4-Dimethylphenol	9.80	107	446651	22.380	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.03	93	487369	22.956	ng/ul	95
27) 2,4-Dichlorophenol	10.27	162	373693	22.650	ng/ul#	91
28) Naphthalene	10.67	128	1020244	20.795	ng/ul	100
30) 4-Chloroaniline	10.78	127	420482	23.415	ng/ul	94
31) Hexachlorobutadiene	10.95	225	240862	19.029	ng/ul	96
32) Caprolactam	11.56	113	111564	20.879	ng/ul#	44
33) 4-Chloro-3-methylphenol	11.91	107	362452	19.554	ng/ul	97
34) 2-Methylnaphthalene	12.28	142	769660	19.318	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	445420	20.338	ng/ul	97
37) Hexachlorocyclopentadiene	12.63	237	147565	10.434	ng/ul	97
38) 2,4,6-Trichlorophenol	12.89	196	299483	22.837	ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	314121	22.598	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	1034620	20.970	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	813212	21.011	ng/ul	99
42) 2-Nitroaniline	13.54	65	230854	25.648	ng/ul	89
44) Dimethylphthalate	13.92	163	1050712	19.661	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	214428	25.250	ng/ul	90
47) Acenaphthylene	14.19	152	1268875	20.804	ng/ul	99
48) 3-Nitroaniline	14.37	138	210213	26.417	ng/ul	90
49) Acenaphthene	14.53	153	863850	20.678	ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	104095	21.836	ng/ul	90
52) 4-Nitrophenol	14.69	109	155340	19.064	ng/ul#	78
53) Dibenzofuran	14.86	168	1235867	19.991	ng/ul	96
54) 2,4-Dinitrotoluene	14.83	165	317590	24.969	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.09	232	293533	22.816	ng/ul	98
56) Diethylphthalate	15.29	149	1004764	18.443	ng/ul	96
58) Fluorene	15.52	166	1063589	20.341	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	548535	19.281	ng/ul	98
60) 4-Nitroaniline	15.53	138	242131	24.273	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.60	198	177915	22.568	ng/ul	91
64) N-Nitrosodiphenylamine	15.72	169	901863	20.953	ng/ul	98
65) 4-Bromophenyl-phenylether	16.40	248	353311	19.913	ng/ul	96
66) Hexachlorobenzene	16.52	284	398945	20.327	ng/ul	99
67) Atrazine	16.67	200	352790	19.060	ng/ul	93
68) Pentachlorophenol	16.86	266	224920	20.954	ng/ul	97
69) Phenanthrene	17.25	178	1602353	20.006	ng/ul	99
71) Anthracene	17.34	178	1643244	19.850	ng/ul	99
72) Carbazole	17.61	167	1409626	20.556	ng/ul	99
73) Di-n-butylphthalate	18.17	149	1569522	17.948	ng/ul#	98
74) Fluoranthene	19.26	202	1457616	16.061	ng/ul#	92
77) Pyrene	19.63	202	1498523	21.523	ng/ul#	92
78) Butylbenzylphthalate	20.52	149	562823	20.518	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.30	252	554342	20.631	ng/ul	95
80) Benzo(a)anthracene	21.37	228	1549586	21.136	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	814238	19.510	ng/ul	97
82) Chrysene	21.42	228	1385254	21.251	ng/ul	100
84) Di-n-octyl phthalate	22.19	149	1400301	20.111	ng/ul#	95
85) Benzo(b)fluoranthene	22.99	252	1668466	20.107	ng/ul#	98
86) Benzo(k)fluoranthene	23.03	252	1535697	19.663	ng/ul#	99
88) Benzo(a)pyrene	23.57	252	1592785	20.132	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.00	276	1965255	21.106	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.01	278	1669391	21.148	ng/ul#	97
91) Benzo(g,h,i)perylene	26.71	276	1629091	21.588	ng/ul#	97

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

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