Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110517\
Data File : BG030764.D
Acq On : 6 Nov 2017 7:15
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02086

Quant Time: Nov 06 07:51:40 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 01:27:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	66503	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	309764	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.77	164	206700	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	518866	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	519887	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	544283	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	11743	7.18	ng/uL	0.00
5) Phenol-d5	7.32	99	110278	17.28	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.47	67	64135	16.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	91424	20.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	95745	18.57	ng/ul	0.01
19) Nitrobenzene-d5	9.32	128	43925	19.75	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	51311	22.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	103386	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	126801	21.02	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	318110	18.00	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	414469	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	53570	16.42	ng/ul	0.01
57) Fluorene-d10	15.76	176	313972	21.69	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	23664	9.34	ng/ul	0.02
70) Anthracene-d10	17.61	188	478024	19.48	ng/ul	0.01
76) Pyrene-d10	19.89	212	524514	19.49	ng/ul	0.01
87) Benzo(a)pyrene-d12	24.87	264	505250	19.60	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	13290	6.661	ng/uL#	91
4) Benzaldehyde	7.29	77	71711	18.183	ng/ul	92
6) Phenol	7.34	94	114472	17.332	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.57	93	85876	17.081	ng/ul#	85
10) 2-Chlorophenol	7.72	128	89187	19.377	ng/ul#	88
11) 2-Methylphenol	8.60	108	86822	17.583	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.69	45	135969	18.452	ng/ul#	97
14) Acetophenone	8.98	105	138039	17.534	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.96	70	71556	16.402	ng/ul#	93
16) 4-Methylphenol	8.93	108	92351	17.167	ng/ul	99
17) Hexachloroethane	9.25	117	35835	19.498	ng/ul	91
20) Nitrobenzene	9.36	77	101486	16.739	ng/ul#	86
21) Isophorone	9.89	82	203387	15.877	ng/ul	96
23) 2-Nitrophenol	10.08	139	54566	21.581	ng/ul#	74
24) 2,4-Dimethylphenol	10.13	107	108659	17.672	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.36	93	123035	15.956	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	101921	20.500	ng/ul	96
28) Naphthalene	11.02	128	301020	18.365	ng/ul	99
30) 4-Chloroaniline	11.13	127	124423	21.078	ng/ul	98
31) Hexachlorobutadiene	11.30	225	75908	24.441	ng/ul	95
32) Caprolactam	11.88	113	37375	17.564	ng/ul	98
33) 4-Chloro-3-methylphenol	12.24	107	106155	18.198	ng/ul	90
34) 2-Methylnaphthalene	12.61	142	237151	17.479	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	144017	23.512	ng/ul	96
37) Hexachlorocyclopentadiene	12.96	237	14464	4.480	ng/ul	93
38) 2,4,6-Trichlorophenol	13.22	196	94506	22.270	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	97559	21.774	ng/ul	97
40) 1,1'-Biphenyl	13.61	154	313288	18.384	ng/ul	97
41) 2-Chloronaphthalene	13.66	162	249177	19.317	ng/ul	95
42) 2-Nitroaniline	13.86	65	70340	17.408	ng/ul#	85
44) Dimethylphthalate	14.22	163	317081	18.396	ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	68015	22.560	ng/ul#	84
47) Acenaphthylene	14.50	152	404612	18.456	ng/ul	96
48) 3-Nitroaniline	14.68	138	71146	21.780	ng/ul#	82
49) Acenaphthene	14.84	153	274936	18.331	ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	8047	4.987	ng/ul#	74
52) 4-Nitrophenol	14.99	109	40120	16.297	ng/ul#	84
53) Dibenzofuran	15.17	168	401554	19.583	ng/ul	91
54) 2,4-Dinitrotoluene	15.13	165	97241	22.060	ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.40	232	96022	24.371	ng/ul	89
56) Diethylphthalate	15.57	149	324668	18.280	ng/ul	98
58) Fluorene	15.82	166	326943	19.987	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.80	204	176638	22.951	ng/ul	88
60) 4-Nitroaniline	15.83	138	79613	19.825	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.90	198	25083	9.373	ng/ul#	79
64) N-Nitrosodiphenylamine	16.01	169	284613	18.390	ng/ul	98
65) 4-Bromophenyl-phenylether	16.70	248	118416	22.622	ng/ul#	91
66) Hexachlorobenzene	16.83	284	132469	24.734	ng/ul	92
67) Atrazine	16.95	200	119174	20.278	ng/ul	97
68) Pentachlorophenol	17.17	266	63524	19.908	ng/ul	93
69) Phenanthrene	17.55	178	536728	19.135	ng/ul	98
71) Anthracene	17.65	178	553149	19.114	ng/ul	99
72) Carbazole	17.91	167	485563	18.665	ng/ul	97
73) Di-n-butylphthalate	18.45	149	580284	18.565	ng/ul	99
74) Fluoranthene	19.55	202	631047	20.130	ng/ul	99
77) Pyrene	19.92	202	650583	18.672	ng/ul	99
78) Butylbenzylphthalate	20.78	149	252776	17.892	ng/ul	89
79) 3,3'-Dichlorobenzidine	21.67	252	227156	23.877	ng/ul#	98
80) Benzo(a)anthracene	21.77	228	641589	19.692	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	359411	17.555	ng/ul#	99
82) Chrysene	21.83	228	577523	19.509	ng/ul	98
84) Di-n-octyl phthalate	22.88	149	619807	17.020	ng/ul	100
85) Benzo(b)fluoranthene	24.04	252	651799	19.948	ng/ul	97
86) Benzo(k)fluoranthene	24.11	252	619666	19.615	ng/ul	97
88) Benzo(a)pyrene	24.94	252	628048	19.746	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.88	276	757120	21.040	ng/ul	98
90) Dibenzo(a,h)anthracene	28.94	278	633752	21.200	ng/ul	96
91) Benzo(g,h,i)perylene	30.07	276	610154	20.456	ng/ul	97

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

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