Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030825.D
Acq On : 8 Nov 2017 2:02
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02093

Quant Time: Nov 08 03:29:46 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 01:10:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	65827	20.00	ng/ul	0.00
18) Naphthalene-d8	10.97	136	316038	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	208602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	500110	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	514946	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	535434	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	11387	7.03	ng/uL	0.00
5) Phenol-d5	7.31	99	106829	16.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	61761	15.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	86967	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	95683	18.75	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	44784	19.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	53765	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	102783	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	127327	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	14.16	166	310332	17.40	ng/ul	0.00
46) Acenaphthylene-d8	14.46	160	396769	18.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	52740	16.02	ng/ul	0.00
57) Fluorene-d10	15.76	176	287398	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	51860	21.24	ng/ul	0.00
70) Anthracene-d10	17.61	188	445170	18.82	ng/ul	0.00
76) Pyrene-d10	19.89	212	498282	18.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	470594	18.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	12716	6.439	ng/uL	86
4) Benzaldehyde	7.28	77	67926	17.400	ng/ul	89
6) Phenol	7.34	94	112642	17.230	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.56	93	82829	16.644	ng/ul	88
10) 2-Chlorophenol	7.72	128	86128	18.904	ng/ul#	88
11) 2-Methylphenol	8.59	108	84359	17.260	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.68	45	130571	17.902	ng/ul	98
14) Acetophenone	8.97	105	136476	17.514	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.95	70	72657	16.825	ng/ul	92
16) 4-Methylphenol	8.92	108	95809	17.992	ng/ul	89
17) Hexachloroethane	9.24	117	32873	18.070	ng/ul	87
20) Nitrobenzene	9.36	77	101579	16.422	ng/ul#	87
21) Isophorone	9.88	82	204970	15.683	ng/ul#	95
23) 2-Nitrophenol	10.07	139	55404	21.477	ng/ul#	80
24) 2,4-Dimethylphenol	10.13	107	108245	17.255	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.36	93	123188	15.658	ng/ul#	96
27) 2,4-Dichlorophenol	10.61	162	101502	20.010	ng/ul	98
28) Naphthalene	11.01	128	290318	17.361	ng/ul	99
30) 4-Chloroaniline	11.12	127	125370	20.817	ng/ul	99
31) Hexachlorobutadiene	11.30	225	67935	21.440	ng/ul	98
32) Caprolactam	11.88	113	35993	16.579	ng/ul	88
33) 4-Chloro-3-methylphenol	12.24	107	105452	17.718	ng/ul	90
34) 2-Methylnaphthalene	12.61	142	231267	16.707	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.98	216	137630	22.264 ng/ul	93
37) Hexachlorocyclopentadiene	12.95	237	33762	10.361 ng/ul	98
38) 2,4,6-Trichlorophenol	13.21	196	92135	21.513 ng/ul	90
39) 2,4,5-Trichlorophenol	13.29	196	97849	21.639 ng/ul	98
40) 1,1'-Biphenyl	13.60	154	310036	18.027 ng/ul	98
41) 2-Chloronaphthalene	13.65	162	244937	18.815 ng/ul	96
42) 2-Nitroaniline	13.85	65	67729	16.609 ng/ul#	79
44) Dimethylphthalate	14.21	163	317167	18.233 ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	67446	22.167 ng/ul#	83
47) Acenaphthylene	14.49	152	384972	17.400 ng/ul	96
48) 3-Nitroaniline	14.67	138	70308	21.327 ng/ul#	79
49) Acenaphthene	14.83	153	265839	17.563 ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	29584	18.167 ng/ul#	74
52) 4-Nitrophenol	14.99	109	36648	14.751 ng/ul#	78
53) Dibenzofuran	15.17	168	384002	18.556 ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	94928	21.339 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.39	232	85582	21.523 ng/ul#	93
56) Diethylphthalate	15.57	149	316537	17.659 ng/ul	98
58) Fluorene	15.81	166	306349	18.557 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.80	204	168123	21.645 ng/ul	90
60) 4-Nitroaniline	15.83	138	75910	18.731 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.89	198	55635	21.570 ng/ul#	81
64) N-Nitrosodiphenylamine	16.01	169	272135	18.243 ng/ul	93
65) 4-Bromophenyl-phenylether	16.69	248	112016	22.202 ng/ul	92
66) Hexachlorobenzene	16.82	284	122923	23.812 ng/ul	91
67) Atrazine	16.95	200	112665	19.889 ng/ul	97
68) Pentachlorophenol	17.17	266	54055	17.576 ng/ul	98
69) Phenanthrene	17.55	178	493803	18.265 ng/ul	98
71) Anthracene	17.64	178	510788	18.312 ng/ul	99
72) Carbazole	17.91	167	454123	18.111 ng/ul	97
73) Di-n-butylphthalate	18.45	149	549827	18.251 ng/ul	98
74) Fluoranthene	19.55	202	609655	20.177 ng/ul	98
77) Pyrene	19.91	202	611818	17.728 ng/ul	97
78) Butylbenzylphthalate	20.78	149	246105	17.587 ng/ul	87
79) 3,3'-Dichlorobenzidine	21.67	252	205090	21.765 ng/ul#	98
80) Benzo(a)anthracene	21.76	228	614552	19.043 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.64	149	346586	17.091 ng/ul#	99
82) Chrysene	21.83	228	557194	19.002 ng/ul	98
84) Di-n-octyl phthalate	22.88	149	592499	16.539 ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	602276	18.737 ng/ul	97
86) Benzo(k)fluoranthene	24.10	252	592969	19.080 ng/ul	97
88) Benzo(a)pyrene	24.93	252	589141	18.829 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	28.89	276	719250	20.318 ng/ul	97
90) Dibenzo(a,h)anthracene	28.94	278	603846	20.534 ng/ul	98
91) Benzo(g,h,i)perylene	30.07	276	594310	20.254 ng/ul	97

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

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