Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030606.D
Acq On : 31 Oct 2017 8:30
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02080

Quant Time: Oct 31 09:27:58 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 07:15:18 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	79015	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	389187	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	248375	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	553542	20.00	ng/ul	0.00
75) Chrysene-d12	21.79	240	583007	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	597413	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	13964	7.18	ng/uL	0.00
5) Phenol-d5	7.32	99	134277	17.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	75544	15.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	107827	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	121312	19.81	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	54608	19.55	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	67520	23.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	129253	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	154847	20.43	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	374325	17.63	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	488750	18.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	61204	15.61	ng/ul	0.00
57) Fluorene-d10	15.77	176	343902	19.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	58253	21.56	ng/ul	0.00
70) Anthracene-d10	17.62	188	502092	19.18	ng/ul	0.00
76) Pyrene-d10	19.89	212	565194	18.73	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	532981	18.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	13992	5.902	ng/uL#	83
4) Benzaldehyde	7.29	77	87096	18.587	ng/ul	93
6) Phenol	7.35	94	143670	18.308	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.57	93	104055	17.419	ng/ul	90
10) 2-Chlorophenol	7.73	128	108617	19.861	ng/ul#	89
11) 2-Methylphenol	8.60	108	108179	18.439	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.69	45	164428	18.781	ng/ul#	95
14) Acetophenone	8.99	105	169379	18.108	ng/ul	88
15) N-Nitroso-di-n-propylamine	8.96	70	89561	17.278	ng/ul	94
16) 4-Methylphenol	8.93	108	120454	18.845	ng/ul	94
17) Hexachloroethane	9.25	117	41099	18.821	ng/ul	86
20) Nitrobenzene	9.37	77	127060	16.680	ng/ul#	86
21) Isophorone	9.89	82	251429	15.622	ng/ul	95
23) 2-Nitrophenol	10.08	139	70107	22.069	ng/ul#	78
24) 2,4-Dimethylphenol	10.14	107	136317	17.646	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.37	93	156981	16.203	ng/ul#	95
27) 2,4-Dichlorophenol	10.62	162	126745	20.290	ng/ul	97
28) Naphthalene	11.03	128	370902	18.011	ng/ul	98
30) 4-Chloroaniline	11.13	127	151409	20.415	ng/ul	93
31) Hexachlorobutadiene	11.31	225	87570	22.442	ng/ul	94
32) Caprolactam	11.88	113	43114	16.126	ng/ul	87
33) 4-Chloro-3-methylphenol	12.24	107	130794	17.846	ng/ul	90
34) 2-Methylnaphthalene	12.62	142	291477	17.099	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	166393	22.607 ng/ul#	94
37) Hexachlorocyclopentadiene	12.96	237	61635	15.886 ng/ul	99
38) 2,4,6-Trichlorophenol	13.22	196	113722	22.302 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	117136	21.756 ng/ul	96
40) 1,1'-Biphenyl	13.62	154	384893	18.796 ng/ul	96
41) 2-Chloronaphthalene	13.66	162	303713	19.594 ng/ul	96
42) 2-Nitroaniline	13.86	65	83974	17.295 ng/ul#	82
44) Dimethylphthalate	14.22	163	377148	18.209 ng/ul	98
45) 2,6-Dinitrotoluene	14.34	165	78720	21.729 ng/ul#	86
47) Acenaphthylene	14.50	152	466843	17.721 ng/ul	97
48) 3-Nitroaniline	14.67	138	78704	20.051 ng/ul#	81
49) Acenaphthene	14.84	153	318502	17.672 ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	48845	25.192 ng/ul#	77
52) 4-Nitrophenol	14.99	109	45102	15.247 ng/ul#	86
53) Dibenzofuran	15.17	168	461012	18.710 ng/ul	95
54) 2,4-Dinitrotoluene	15.13	165	111243	21.002 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.40	232	106999	22.600 ng/ul#	91
56) Diethylphthalate	15.57	149	369014	17.290 ng/ul	98
58) Fluorene	15.82	166	360318	18.331 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.81	204	200822	21.715 ng/ul	89
60) 4-Nitroaniline	15.83	138	79435	16.462 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	15.90	198	63056	22.087 ng/ul#	76
64) N-Nitrosodiphenylamine	16.02	169	317858	19.252 ng/ul	98
65) 4-Bromophenyl-phenylether	16.70	248	128866	23.076 ng/ul	92
66) Hexachlorobenzene	16.82	284	136907	23.961 ng/ul	93
67) Atrazine	16.96	200	127346	20.311 ng/ul	97
68) Pentachlorophenol	17.16	266	69831	20.514 ng/ul	92
69) Phenanthrene	17.56	178	561626	18.768 ng/ul	98
71) Anthracene	17.65	178	584504	18.932 ng/ul	99
72) Carbazole	17.92	167	510912	18.409 ng/ul	97
73) Di-n-butylphthalate	18.46	149	610295	18.302 ng/ul#	99
74) Fluoranthene	19.56	202	692479	20.706 ng/ul	98
77) Pyrene	19.92	202	693598	17.751 ng/ul	99
78) Butylbenzylphthalate	20.78	149	286871	18.107 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.68	252	258953	24.272 ng/ul#	98
80) Benzo(a)anthracene	21.77	228	704622	19.285 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.65	149	408795	17.805 ng/ul	99
82) Chrysene	21.84	228	641911	19.336 ng/ul	98
84) Di-n-octyl phthalate	22.89	149	698051	17.464 ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	687794	19.178 ng/ul	99
86) Benzo(k)fluoranthene	24.12	252	674794	19.460 ng/ul	98
88) Benzo(a)pyrene	24.95	252	663630	19.009 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	28.89	276	808001	20.457 ng/ul	99
90) Dibenzo(a,h)anthracene	28.96	278	678641	20.683 ng/ul	98
91) Benzo(g,h,i)perylene	30.09	276	662810	20.245 ng/ul	95

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

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