Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG110717\
Data File : BG030841.D
Acq On : 8 Nov 2017 11:59
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02094

Quant Time: Nov 08 13:18:56 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 08 04:22:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	57519	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	271620	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.77	164	180861	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.51	188	450521	20.00	ng/ul	0.00
75) Chrysene-d12	21.78	240	498316	20.00	ng/ul	0.00
83) Perylene-d12	25.09	264	516624	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	9718	6.87	ng/uL	0.00
5) Phenol-d5	7.31	99	92894	16.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	53169	15.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	74675	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	81652	18.31	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	37263	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	45708	22.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	88871	19.52	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	107689	20.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.17	166	268382	17.36	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	349985	18.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	46817	16.40	ng/ul	0.00
57) Fluorene-d10	15.75	176	260140	20.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	41530	18.88	ng/ul	0.00
70) Anthracene-d10	17.61	188	399070	18.73	ng/ul	0.00
76) Pyrene-d10	19.88	212	467899	18.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.86	264	456948	18.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	10650	6.172	ng/uL#	79
4) Benzaldehyde	7.28	77	59157	17.342	ng/ul	97
6) Phenol	7.34	94	98079	17.170	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.56	93	70125	16.127	ng/ul	91
10) 2-Chlorophenol	7.71	128	74912	18.817	ng/ul#	88
11) 2-Methylphenol	8.60	108	74247	17.385	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.68	45	111383	17.477	ng/ul	97
14) Acetophenone	8.97	105	116726	17.143	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.95	70	60591	16.058	ng/ul#	93
16) 4-Methylphenol	8.93	108	81900	17.602	ng/ul	99
17) Hexachloroethane	9.24	117	29492	18.553	ng/ul	87
20) Nitrobenzene	9.35	77	88422	16.632	ng/ul#	85
21) Isophorone	9.88	82	169721	15.110	ng/ul#	93
23) 2-Nitrophenol	10.07	139	46523	20.984	ng/ul#	77
24) 2,4-Dimethylphenol	10.13	107	90966	16.872	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.35	93	104870	15.510	ng/ul#	98
27) 2,4-Dichlorophenol	10.61	162	85328	19.573	ng/ul	95
28) Naphthalene	11.02	128	250094	17.401	ng/ul	98
30) 4-Chloroaniline	11.12	127	106670	20.608	ng/ul	96
31) Hexachlorobutadiene	11.29	225	59304	21.777	ng/ul	97
32) Caprolactam	11.87	113	31550	16.909	ng/ul	86
33) 4-Chloro-3-methylphenol	12.24	107	89076	17.414	ng/ul	91
34) 2-Methylnaphthalene	12.61	142	199702	16.785	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	120473	22.478	ng/ul#	90
37) Hexachlorocyclopentadiene	12.95	237	24624	8.716	ng/ul	93
38) 2,4,6-Trichlorophenol	13.21	196	78601	21.168	ng/ul	97
39) 2,4,5-Trichlorophenol	13.30	196	84228	21.484	ng/ul	97
40) 1,1'-Biphenyl	13.60	154	264988	17.771	ng/ul	97
41) 2-Chloronaphthalene	13.65	162	210772	18.674	ng/ul	97
42) 2-Nitroaniline	13.85	65	58937	16.669	ng/ul#	84
44) Dimethylphthalate	14.21	163	269579	17.874	ng/ul	99
45) 2,6-Dinitrotoluene	14.34	165	58065	22.011	ng/ul#	86
47) Acenaphthylene	14.50	152	335141	17.471	ng/ul	98
48) 3-Nitroaniline	14.67	138	60974	21.333	ng/ul	82
49) Acenaphthene	14.83	153	226711	17.275	ng/ul	99
50) 2,4-Dinitrophenol	14.89	184	20620	14.604	ng/ul#	68
52) 4-Nitrophenol	14.99	109	32771	15.214	ng/ul#	72
53) Dibenzofuran	15.16	168	330998	18.448	ng/ul	93
54) 2,4-Dinitrotoluene	15.13	165	85061	22.054	ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	15.39	232	76503	22.191	ng/ul#	91
56) Diethylphthalate	15.56	149	275755	17.744	ng/ul	98
58) Fluorene	15.81	166	267510	18.690	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.79	204	147400	21.888	ng/ul	91
60) 4-Nitroaniline	15.83	138	67325	19.161	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.89	198	43413	18.684	ng/ul#	78
64) N-Nitrosodiphenylamine	16.01	169	237406	17.667	ng/ul	97
65) 4-Bromophenyl-phenylether	16.69	248	98572	21.688	ng/ul#	89
66) Hexachlorobenzene	16.82	284	110164	23.690	ng/ul#	89
67) Atrazine	16.95	200	102245	20.036	ng/ul	97
68) Pentachlorophenol	17.16	266	49473	17.857	ng/ul	96
69) Phenanthrene	17.55	178	448247	18.405	ng/ul	98
71) Anthracene	17.64	178	468130	18.630	ng/ul	100
72) Carbazole	17.91	167	419639	18.578	ng/ul	95
73) Di-n-butylphthalate	18.45	149	506025	18.646	ng/ul#	98
74) Fluoranthene	19.55	202	566181	20.801	ng/ul	98
77) Pyrene	19.91	202	577084	17.279	ng/ul	100
78) Butylbenzylphthalate	20.78	149	233136	17.216	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.67	252	202921	22.253	ng/ul#	96
80) Benzo(a)anthracene	21.76	228	586224	18.772	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.64	149	331421	16.889	ng/ul#	98
82) Chrysene	21.83	228	535292	18.865	ng/ul	99
84) Di-n-octyl phthalate	22.87	149	573812	16.601	ng/ul	100
85) Benzo(b)fluoranthene	24.03	252	592993	19.120	ng/ul	97
86) Benzo(k)fluoranthene	24.10	252	572638	19.096	ng/ul	98
88) Benzo(a)pyrene	24.94	252	576279	19.089	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	28.87	276	697179	20.412	ng/ul	97
90) Dibenzo(a,h)anthracene	28.93	278	583808	20.575	ng/ul	97
91) Benzo(g,h,i)perylene	30.06	276	575205	20.316	ng/ul	96

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

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