Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG100716\
Data File : BG024228.D
Acq On : 7 Oct 2016 10:24
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02009

Quant Time: Oct 07 11:16:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 06:34:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	126455	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	547396	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	456956	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.65	188	1008917	20.00	ng/ul	0.00
75) Chrysene-d12	21.95	240	1063806	20.00	ng/ul	0.00
83) Perylene-d12	25.40	264	1096184	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	23394	8.79	ng/uL	0.00
5) Phenol-d5	7.42	99	253373	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.61	67	166128	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	175917	21.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	201997	21.18	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	86476	22.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	91595	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	199964	21.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	223737	22.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	695031	21.78	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	801736	21.94	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	121037	21.39	ng/ul	0.00
57) Fluorene-d10	15.90	176	642152	21.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	130709	21.56	ng/ul	0.00
70) Anthracene-d10	17.75	188	975402	21.40	ng/ul	0.00
76) Pyrene-d10	20.02	212	1105603	22.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.16	264	1058713	21.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	21811	7.56	ng/uL#	57
4) Benzaldehyde	7.43	77	187829	22.62	ng/ul#	76
6) Phenol	7.45	94	259110	21.64	ng/ul#	55
8) Bis(2-Chloroethyl)ether	7.71	93	187401	21.26	ng/ul#	84
10) 2-Chlorophenol	7.85	128	173200	21.04	ng/ul#	76
11) 2-Methylphenol	8.72	108	182676	20.60	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.82	45	378318	21.49	ng/ul#	86
14) Acetophenone	9.13	105	308795	21.80	ng/ul#	67
15) N-Nitroso-di-n-propylamine	9.10	70	186232	21.80	ng/ul#	76
16) 4-Methylphenol	9.05	108	205623	21.86	ng/ul	96
17) Hexachloroethane	9.39	117	74391	19.53	ng/ul#	76
20) Nitrobenzene	9.52	77	269044	21.88	ng/ul#	81
21) Isophorone	10.04	82	494301	22.12	ng/ul#	92
23) 2-Nitrophenol	10.23	139	107849	22.77	ng/ul#	65
24) 2,4-Dimethylphenol	10.27	107	248907	21.33	ng/ul#	79
25) Bis(2-Chloroethoxy)methane	10.51	93	270495	22.08	ng/ul	93
27) 2,4-Dichlorophenol	10.76	162	197497	21.76	ng/ul	94
28) Naphthalene	11.18	128	573163	21.74	ng/ul	97
30) 4-Chloroaniline	11.28	127	234289	23.21	ng/ul	97
31) Hexachlorobutadiene	11.45	225	155823	21.44	ng/ul	98
32) Caprolactam	12.05	113	76786m	22.26	ng/ul	
33) 4-Chloro-3-methylphenol	12.37	107	243149	21.89	ng/ul#	77
34) 2-Methylnaphthalene	12.76	142	457743	21.84	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	284322	21.10	ng/ul	94
37) Hexachlorocyclopentadiene	13.09	237	205573	20.80	ng/ul	98
38) 2,4,6-Trichlorophenol	13.35	196	186996	21.40	ng/ul	99
39) 2,4,5-Trichlorophenol	13.42	196	204334	21.28	ng/ul	99
40) 1,1'-Biphenyl	13.75	154	633041	21.39	ng/ul	97
41) 2-Chloronaphthalene	13.80	162	507777	21.89	ng/ul	98
42) 2-Nitroaniline	13.99	65	197242	22.34	ng/ul#	56
44) Dimethylphthalate	14.36	163	673442	21.53	ng/ul	98
45) 2,6-Dinitrotoluene	14.48	165	137825	22.71	ng/ul#	79
47) Acenaphthylene	14.64	152	780354	22.19	ng/ul	97
48) 3-Nitroaniline	14.81	138	134175	23.40	ng/ul#	60
49) Acenaphthene	14.97	153	543042	21.60	ng/ul	95
50) 2,4-Dinitrophenol	15.01	184	90086	22.12	ng/ul#	74
52) 4-Nitrophenol	15.09	109	150291m	21.93	ng/ul	
53) Dibenzofuran	15.31	168	804663	21.75	ng/ul#	85
54) 2,4-Dinitrotoluene	15.26	165	201716	22.43	ng/ul#	49
55) 2,3,4,6-Tetrachlorophenol	15.52	232	198120	21.02	ng/ul	98
56) Diethylphthalate	15.71	149	714122	21.65	ng/ul	96
58) Fluorene	15.96	166	653262	21.35	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.94	204	360646	21.24	ng/ul	98
60) 4-Nitroaniline	15.97	138	150864	22.84	ng/ul#	56
63) 4,6-Dinitro-2-methylphenol	16.01	198	137786	21.68	ng/ul#	98
64) N-Nitrosodiphenylamine	16.15	169	607256	21.28	ng/ul	94
65) 4-Bromophenyl-phenylether	16.83	248	251676	21.54	ng/ul	95
66) Hexachlorobenzene	16.95	284	275009	21.09	ng/ul	97
67) Atrazine	17.09	200	248320	21.28	ng/ul	94
68) Pentachlorophenol	17.29	266	174470	22.02	ng/ul	88
69) Phenanthrene	17.69	178	1087389	21.35	ng/ul	98
71) Anthracene	17.79	178	1121989	21.64	ng/ul	100
72) Carbazole	18.05	167	950952	23.37	ng/ul	98
73) Di-n-butylphthalate	18.59	149	1101968	22.14	ng/ul#	95
74) Fluoranthene	19.69	202	1263679	24.56	ng/ul#	87
77) Pyrene	20.05	202	1258850	22.16	ng/ul#	85
78) Butylbenzylphthalate	20.91	149	491310	21.52	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.84	252	441506	22.29	ng/ul#	97
80) Benzo(a)anthracene	21.93	228	1303368	22.08	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.81	149	704282	21.81	ng/ul#	98
82) Chrysene	22.00	228	1239686	22.06	ng/ul	97
84) Di-n-octyl phthalate	23.10	149	1191852	23.17	ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1292893	21.24	ng/ul#	93
86) Benzo(k)fluoranthene	24.37	252	1237802	21.12	ng/ul#	89
88) Benzo(a)pyrene	25.24	252	1223929	21.12	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	29.37	276	1496921m	21.80	ng/ul	
90) Dibenzo(a,h)anthracene	29.45	278	1266884	21.82	ng/ul#	89
91) Benzo(g,h,i)perylene	30.61	276	1223625	21.19	ng/ul#	81

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

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