Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\Data\BG101316\
Data File : BG024315.D
Acq On : 13 Oct 2016 11:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02022

Quant Time: Oct 13 16:04:56 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 13 01:34:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	133792	20.00	ng/ul	0.00
18) Naphthalene-d8	11.12	136	593708	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.90	164	483120	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.64	188	1032565	20.00	ng/ul	0.00
75) Chrysene-d12	21.94	240	1144872	20.00	ng/ul	0.00
83) Perylene-d12	25.39	264	1180474	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.64	96	21958	7.79	ng/uL	0.00
5) Phenol-d5	7.42	99	243876	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.60	67	162741	19.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.81	132	170892	19.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.98	113	208644	20.68	ng/ul	0.00
19) Nitrobenzene-d5	9.47	128	90040	21.37	ng/ul	0.00
22) 2-Nitrophenol-d4	10.19	143	105822	22.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.72	165	222958	21.72	ng/ul	0.00
29) 4-Chloroaniline-d4	11.25	131	248518	23.04	ng/ul	0.00
43) Dimethylphthalate-d6	14.29	166	721037	21.37	ng/ul	0.00
46) Acenaphthylene-d8	14.60	160	848001	21.95	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	122634	20.50	ng/ul	0.00
57) Fluorene-d10	15.89	176	695548	21.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.99	200	139142	22.42	ng/ul	0.00
70) Anthracene-d10	17.74	188	1011504	21.69	ng/ul	0.00
76) Pyrene-d10	20.01	212	1133241	21.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.15	264	1131719	21.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.68	88	23397	7.66	ng/uL#	70
4) Benzaldehyde	7.42	77	197552	22.49	ng/ul	95
6) Phenol	7.44	94	261490	20.64	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.70	93	190212	20.39	ng/ul	97
10) 2-Chlorophenol	7.84	128	176696	20.28	ng/ul#	86
11) 2-Methylphenol	8.71	108	189654	20.21	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.82	45	368162	19.77	ng/ul	98
14) Acetophenone	9.12	105	317099	21.16	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.10	70	183061	20.26	ng/ul	91
16) 4-Methylphenol	9.04	108	207557	20.85	ng/ul	96
17) Hexachloroethane	9.38	117	78911	19.58	ng/ul	93
20) Nitrobenzene	9.51	77	295794	22.18	ng/ul	98
21) Isophorone	10.02	82	514921	21.25	ng/ul	97
23) 2-Nitrophenol	10.22	139	109529	21.32	ng/ul#	88
24) 2,4-Dimethylphenol	10.25	107	257459	20.34	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.51	93	275803	20.76	ng/ul	95
27) 2,4-Dichlorophenol	10.75	162	214749	21.82	ng/ul	95
28) Naphthalene	11.17	128	602907	21.09	ng/ul	97
30) 4-Chloroaniline	11.27	127	243883	22.28	ng/ul	97
31) Hexachlorobutadiene	11.44	225	174807	22.17	ng/ul#	86
32) Caprolactam	12.03	113	74774	19.98	ng/ul	98
33) 4-Chloro-3-methylphenol	12.36	107	261826	21.74	ng/ul	96
34) 2-Methylnaphthalene	12.75	142	494495	21.76	ng/ul	98

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Instrument : BNA_G
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.11	216	332090	23.31 ng/ul	91
37) Hexachlorocyclopentadiene	13.08	237	217410	20.81 ng/ul#	98
38) 2,4,6-Trichlorophenol	13.34	196	206952	22.40 ng/ul	88
39) 2,4,5-Trichlorophenol	13.41	196	226567	22.32 ng/ul	99
40) 1,1'-Biphenyl	13.74	154	671489	21.46 ng/ul	98
41) 2-Chloronaphthalene	13.79	162	545387	22.24 ng/ul	96
42) 2-Nitroaniline	13.99	65	215737	23.11 ng/ul	95
44) Dimethylphthalate	14.34	163	702118	21.23 ng/ul	98
45) 2,6-Dinitrotoluene	14.47	165	150462	23.45 ng/ul	90
47) Acenaphthylene	14.63	152	825676	22.20 ng/ul	99
48) 3-Nitroaniline	14.80	138	137343	22.65 ng/ul#	89
49) Acenaphthene	14.97	153	572498	21.54 ng/ul	99
50) 2,4-Dinitrophenol	15.00	184	95269	22.13 ng/ul	95
52) 4-Nitrophenol	15.08	109	156101	21.54 ng/ul	97
53) Dibenzofuran	15.30	168	863221	22.07 ng/ul	98
54) 2,4-Dinitrotoluene	15.25	165	218007	22.92 ng/ul#	100
55) 2,3,4,6-Tetrachlorophenol	15.52	232	219939	22.07 ng/ul#	96
56) Diethylphthalate	15.70	149	723923	20.76 ng/ul	98
58) Fluorene	15.95	166	696350	21.53 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.93	204	381615	21.26 ng/ul	90
60) 4-Nitroaniline	15.96	138	140378	20.10 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	16.01	198	141854	21.81 ng/ul#	96
64) N-Nitrosodiphenylamine	16.14	169	648840	22.22 ng/ul	91
65) 4-Bromophenyl-phenylether	16.82	248	263665	22.05 ng/ul#	86
66) Hexachlorobenzene	16.94	284	301479	22.59 ng/ul	93
67) Atrazine	17.08	200	270981	22.69 ng/ul	97
68) Pentachlorophenol	17.28	266	174932	21.57 ng/ul	91
69) Phenanthrene	17.69	178	1143294	21.93 ng/ul	99
71) Anthracene	17.78	178	1163191	21.92 ng/ul	99
72) Carbazole	18.04	167	979437	23.52 ng/ul	99
73) Di-n-butylphthalate	18.58	149	1137486	22.33 ng/ul	99
74) Fluoranthene	19.68	202	1304182	24.77 ng/ul	99
77) Pyrene	20.04	202	1308290	21.40 ng/ul	98
78) Butylbenzylphthalate	20.90	149	504038	20.52 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.83	252	477539	22.40 ng/ul	90
80) Benzo(a)anthracene	21.92	228	1368628	21.54 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.79	149	698779	20.11 ng/ul	94
82) Chrysene	21.99	228	1303428	21.55 ng/ul	97
84) Di-n-octyl phthalate	23.08	149	1211336	21.87 ng/ul	100
85) Benzo(b)fluoranthene	24.28	252	1355294	20.68 ng/ul#	98
86) Benzo(k)fluoranthene	24.35	252	1342212	21.26 ng/ul	98
88) Benzo(a)pyrene	25.23	252	1346814	21.58 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.34	276	1644944	22.25 ng/ul	99
90) Dibenzo(a,h)anthracene	29.42	278	1392496	22.27 ng/ul	97
91) Benzo(g,h,i)perylene	30.59	276	1340448	21.56 ng/ul	94

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

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