Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022852.D
Acq On : 5 Jul 2016 15:57
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02021

Manual Integrations
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7/6/2016 7:17:16 PM

Quant Time: Jul 06 04:05:41 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	130283	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	571046	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	455511	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1079850m	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1186555m	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1208482	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	20220	8.67	ng/uL	0.00
5) Phenol-d5	7.30	99	258624	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	153847	19.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	168985	18.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	202412	19.01	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	85999	18.89	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	100526	18.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	227320	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	248008	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	720999	19.48	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	851999	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	118672	20.42	ng/ul	0.00
57) Fluorene-d10	15.79	176	704338	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	140082m	20.17	ng/ul	0.00
70) Anthracene-d10	17.65	188	1039317m	20.71	ng/ul	0.00
76) Pyrene-d10	19.93	212	1182380	20.86	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1159614	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	22799	8.34	ng/uL#	79
4) Benzaldehyde	7.28	77	177185	20.34	ng/ul	86
6) Phenol	7.33	94	271072	19.31	ng/ul#	62
8) Bis(2-Chloroethyl)ether	7.57	93	186085	19.39	ng/ul	89
10) 2-Chlorophenol	7.72	128	176352	18.94	ng/ul#	86
11) 2-Methylphenol	8.60	108	198340	18.81	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.69	45	219334	20.32	ng/ul	98
14) Acetophenone	8.98	105	341400	19.86	ng/ul#	80
15) N-Nitroso-di-n-propylamine	8.96	70	194469	18.82	ng/ul#	84
16) 4-Methylphenol	8.92	108	223406	19.06	ng/ul	94
17) Hexachloroethane	9.25	117	80557	20.32	ng/ul#	70
20) Nitrobenzene	9.37	77	285821	20.41	ng/ul#	77
21) Isophorone	9.89	82	508983	20.38	ng/ul#	89
23) 2-Nitrophenol	10.09	139	115671	19.84	ng/ul#	47
24) 2,4-Dimethylphenol	10.13	107	284280	20.37	ng/ul#	78
25) Bis(2-Chloroethoxy)methane	10.37	93	293191	19.89	ng/ul#	93
27) 2,4-Dichlorophenol	10.62	162	223196	19.33	ng/ul	95
28) Naphthalene	11.03	128	595270	20.39	ng/ul	96
30) 4-Chloroaniline	11.14	127	239904	24.15	ng/ul	100
31) Hexachlorobutadiene	11.31	225	183978	20.69	ng/ul	95
32) Caprolactam	11.89	113	76272m	19.80	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	279378	19.13	ng/ul#	82
34) 2-Methylnaphthalene	12.63	142	494283	20.46	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	341432	20.05 ng/ul	94
37) Hexachlorocyclopentadiene	12.97	237	187708	18.26 ng/ul	96
38) 2,4,6-Trichlorophenol	13.23	196	229996	19.58 ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	238531	19.30 ng/ul	99
40) 1,1'-Biphenyl	13.63	154	690439	19.93 ng/ul	95
41) 2-Chloronaphthalene	13.68	162	553075	19.72 ng/ul	99
42) 2-Nitroaniline	13.88	65	223037	20.56 ng/ul#	60
44) Dimethylphthalate	14.24	163	740117	19.59 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	158637	19.39 ng/ul#	84
47) Acenaphthylene	14.52	152	851475	19.94 ng/ul	97
48) 3-Nitroaniline	14.70	138	141333	22.11 ng/ul#	56
49) Acenaphthene	14.86	153	566280	19.52 ng/ul	96
50) 2,4-Dinitrophenol	14.90	184	78578	17.29 ng/ul#	77
52) 4-Nitrophenol	15.01	109	148379	20.08 ng/ul#	56
53) Dibenzofuran	15.19	168	887283	19.80 ng/ul#	80
54) 2,4-Dinitrotoluene	15.15	165	230010	19.44 ng/ul#	64
55) 2,3,4,6-Tetrachlorophenol	15.42	232	239653	19.05 ng/ul#	94
56) Diethylphthalate	15.60	149	762908	19.87 ng/ul	95
58) Fluorene	15.85	166	707395	19.64 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.83	204	416205	19.30 ng/ul	99
60) 4-Nitroaniline	15.86	138	153358m	19.97 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.92	198	147328m	20.02 ng/ul	
64) N-Nitrosodiphenylamine	16.05	169	650543	20.46 ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	291383	20.17 ng/ul	94
66) Hexachlorobenzene	16.85	284	310089	20.28 ng/ul	93
67) Atrazine	16.99	200	283151m	21.35 ng/ul	
68) Pentachlorophenol	17.20	266	175726m	19.99 ng/ul	
69) Phenanthrene	17.60	178	1148322m	20.79 ng/ul	
71) Anthracene	17.68	178	1181459	20.82 ng/ul	98
72) Carbazole	17.95	167	951749	22.66 ng/ul	97
73) Di-n-butylphthalate	18.50	149	1172797	21.75 ng/ul#	96
74) Fluoranthene	19.60	202	1361849m	23.67 ng/ul	
77) Pyrene	19.96	202	1376757m	20.73 ng/ul	
78) Butylbenzylphthalate	20.83	149	571041m	22.17 ng/ul	
79) 3,3'-Dichlorobenzidine	21.74	252	530769m	23.62 ng/ul	
80) Benzo(a)anthracene	21.83	228	1450676m	20.84 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.72	149	763117m	22.96 ng/ul	
82) Chrysene	21.90	228	1327024m	20.95 ng/ul	
84) Di-n-octyl phthalate	22.98	149	1290689	24.23 ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1521044	20.14 ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	1427422	20.12 ng/ul#	87
88) Benzo(a)pyrene	25.06	252	1435335	20.00 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.08	276	1612676	21.26 ng/ul#	80
90) Dibenzo(a,h)anthracene	29.14	278	1316546	20.99 ng/ul#	87
91) Benzo(g,h,i)perylene	30.29	276	1349266m	22.69 ng/ul	

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

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