Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG100716\
Data File : BG024217.D
Acq On : 7 Oct 2016 2:42
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 07 06:28:28 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG0100716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 07 00:50:12 2016
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
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10/7/2016 7:00:32 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	144396	20.00	ng/ul	0.00
18) Naphthalene-d8	11.13	136	652774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.91	164	519329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.66	188	1102071m	20.00	ng/ul	0.00
75) Chrysene-d12	21.96	240	1168943m	20.00	ng/ul	0.00
83) Perylene-d12	25.41	264	1192126	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.66	96	25770	8.48	ng/uL	0.00
5) Phenol-d5	7.43	99	283689	21.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.62	67	192637	21.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.82	132	201405	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.99	113	237012	21.76	ng/ul	0.00
19) Nitrobenzene-d5	9.48	128	98338	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	10.20	143	112065	21.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.73	165	225806	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.26	131	265147	22.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.31	166	759894	20.96	ng/ul	0.00
46) Acenaphthylene-d8	14.61	160	896212	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	129975	20.22	ng/ul	0.00
57) Fluorene-d10	15.90	176	716148	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.00	200	140264m	21.18	ng/ul	0.00
70) Anthracene-d10	17.76	188	1059740m	21.29	ng/ul	0.00
76) Pyrene-d10	20.02	212	1184884	21.72	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.17	264	1155916	21.55	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	28815	8.75	ng/uL#	42
4) Benzaldehyde	7.43	77	214981	22.68	ng/ul	83
6) Phenol	7.45	94	298795	21.85	ng/ul#	58
8) Bis(2-Chloroethyl)ether	7.71	93	220019	21.86	ng/ul#	78
10) 2-Chlorophenol	7.86	128	197611	21.02	ng/ul#	76
11) 2-Methylphenol	8.72	108	211849	20.92	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.83	45	448087	22.29	ng/ul#	86
14) Acetophenone	9.13	105	350136	21.65	ng/ul#	65
15) N-Nitroso-di-n-propylamine	9.10	70	218005	22.35	ng/ul#	70
16) 4-Methylphenol	9.05	108	232061	21.60	ng/ul	99
17) Hexachloroethane	9.40	117	92030	21.16	ng/ul	95
20) Nitrobenzene	9.52	77	308486	21.04	ng/ul#	83
21) Isophorone	10.04	82	571423	21.44	ng/ul#	90
23) 2-Nitrophenol	10.24	139	117304	20.77	ng/ul#	57
24) 2,4-Dimethylphenol	10.27	107	286287	20.57	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.52	93	302045	20.68	ng/ul	99
27) 2,4-Dichlorophenol	10.76	162	231939	21.43	ng/ul	93
28) Naphthalene	11.18	128	650300	20.69	ng/ul	97
30) 4-Chloroaniline	11.28	127	262063	21.77	ng/ul	97
31) Hexachlorobutadiene	11.45	225	183202	21.14	ng/ul	98
32) Caprolactam	12.05	113	81514m	19.81	ng/ul	
33) 4-Chloro-3-methylphenol	12.37	107	278416	21.02	ng/ul#	77
34) 2-Methylnaphthalene	12.76	142	509243	20.38	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.12	216	324914	21.22 ng/ul	98
37) Hexachlorocyclopentadiene	13.09	237	241811	21.53 ng/ul	98
38) 2,4,6-Trichlorophenol	13.35	196	209600	21.11 ng/ul	96
39) 2,4,5-Trichlorophenol	13.42	196	233408	21.39 ng/ul	95
40) 1,1'-Biphenyl	13.75	154	703299	20.91 ng/ul	95
41) 2-Chloronaphthalene	13.80	162	561680	21.31 ng/ul	96
42) 2-Nitroaniline	14.00	65	222093	22.13 ng/ul#	52
44) Dimethylphthalate	14.35	163	752295	21.16 ng/ul	99
45) 2,6-Dinitrotoluene	14.48	165	154613	22.41 ng/ul#	80
47) Acenaphthylene	14.64	152	840879	21.04 ng/ul	99
48) 3-Nitroaniline	14.81	138	142034	21.79 ng/ul#	72
49) Acenaphthene	14.98	153	597152	20.90 ng/ul	94
50) 2,4-Dinitrophenol	15.01	184	95249	20.58 ng/ul#	86
52) 4-Nitrophenol	15.09	109	160515	20.60 ng/ul#	66
53) Dibenzofuran	15.31	168	887539	21.11 ng/ul#	84
54) 2,4-Dinitrotoluene	15.26	165	210530	20.59 ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	15.52	232	226027	21.10 ng/ul	98
56) Diethylphthalate	15.71	149	782859	20.89 ng/ul	98
58) Fluorene	15.96	166	722145	20.77 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.94	204	398800	20.67 ng/ul	97
60) 4-Nitroaniline	15.97	138	158200	21.08 ng/ul#	42
63) 4,6-Dinitro-2-methylphenol	16.02	198	150326m	21.65 ng/ul	
64) N-Nitrosodiphenylamine	16.15	169	671700	21.55 ng/ul	97
65) 4-Bromophenyl-phenylether	16.83	248	280138	21.95 ng/ul	99
66) Hexachlorobenzene	16.95	284	304651	21.39 ng/ul	96
67) Atrazine	17.09	200	280820	22.03 ng/ul	94
68) Pentachlorophenol	17.29	266	185957m	21.48 ng/ul	
69) Phenanthrene	17.70	178	1210036m	21.75 ng/ul	
71) Anthracene	17.79	178	1214258	21.44 ng/ul	98
72) Carbazole	18.05	167	1031772	23.21 ng/ul	98
73) Di-n-butylphthalate	18.59	149	1204146m	22.15 ng/ul	
74) Fluoranthene	19.69	202	1362791	24.25 ng/ul#	87
77) Pyrene	20.05	202	1375849	22.04 ng/ul#	89
78) Butylbenzylphthalate	20.92	149	554408m	22.10 ng/ul	
79) 3,3'-Dichlorobenzidine	21.84	252	494858m	22.73 ng/ul	
80) Benzo(a)anthracene	21.93	228	1410928m	21.75 ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.81	149	770642m	21.72 ng/ul	
82) Chrysene	22.00	228	1332543	21.58 ng/ul	97
84) Di-n-octyl phthalate	23.11	149	1300634	23.25 ng/ul	100
85) Benzo(b)fluoranthene	24.30	252	1382243	20.88 ng/ul#	92
86) Benzo(k)fluoranthene	24.38	252	1356832	21.28 ng/ul#	90
88) Benzo(a)pyrene	25.25	252	1357781	21.54 ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.37	276	1616470m	21.65 ng/ul	
90) Dibenzo(a,h)anthracene	29.45	278	1343008	21.27 ng/ul#	88
91) Benzo(g,h,i)perylene	30.62	276	1329219	21.17 ng/ul#	81

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

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