Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG081116\
Data File : BG023621.D
Acq On : 11 Aug 2016 9:31
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 12 03:41:45 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 11 03:58:16 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02026

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	150739	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	702531	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	478945	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	1120989	20.00	ng/ul	0.00
75) Chrysene-d12	21.87	240	1032715	20.00	ng/ul	0.00
83) Perylene-d12	25.27	264	1040469	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	25367	7.15	ng/uL	0.00
5) Phenol-d5	7.26	99	307034	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	201810	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	218817	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	243806	20.57	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	116788	21.09	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	139686	21.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	258353	21.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	316102	22.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	791029	20.17	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	940415	21.31	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	129324	19.32	ng/ul	0.00
57) Fluorene-d10	15.78	176	725495	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	134727	18.73	ng/ul	0.00
70) Anthracene-d10	17.65	188	1052610	20.84	ng/ul	0.00
76) Pyrene-d10	19.94	212	1095733	20.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.04	264	956453	20.31	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	27630	7.43	ng/uL#	80
4) Benzaldehyde	7.24	77	215806	23.32	ng/ul	85
6) Phenol	7.29	94	318340	20.13	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.52	93	238005	20.73	ng/ul	90
10) 2-Chlorophenol	7.67	128	216815	20.55	ng/ul#	86
11) 2-Methylphenol	8.56	108	241598	20.29	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.65	45	331794	21.12	ng/ul	98
14) Acetophenone	8.94	105	383522	20.17	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	233168	20.38	ng/ul#	86
16) 4-Methylphenol	8.89	108	264639	19.83	ng/ul	100
17) Hexachloroethane	9.21	117	92863	20.40	ng/ul#	87
20) Nitrobenzene	9.33	77	329911	20.32	ng/ul#	85
21) Isophorone	9.85	82	614965	20.60	ng/ul	93
23) 2-Nitrophenol	10.05	139	143610	20.91	ng/ul#	59
24) 2,4-Dimethylphenol	10.11	107	303347	20.14	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.34	93	352271	20.46	ng/ul	98
27) 2,4-Dichlorophenol	10.59	162	250453	20.70	ng/ul	95
28) Naphthalene	11.00	128	752809	21.11	ng/ul	98
30) 4-Chloroaniline	11.11	127	307066	21.98	ng/ul	98
31) Hexachlorobutadiene	11.28	225	175108	21.73	ng/ul	96
32) Caprolactam	11.87	113	93870m	18.68	ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	307490	19.75	ng/ul#	83
34) 2-Methylnaphthalene	12.61	142	589453	20.38	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	338081	22.99 ng/ul	98
37) Hexachlorocyclopentadiene	12.95	237	138456	17.02 ng/ul	96
38) 2,4,6-Trichlorophenol	13.22	196	220574	21.66 ng/ul	97
39) 2,4,5-Trichlorophenol	13.30	196	233168	21.36 ng/ul	99
40) 1,1'-Biphenyl	13.61	154	775491	22.03 ng/ul	98
41) 2-Chloronaphthalene	13.66	162	599811	21.92 ng/ul	97
42) 2-Nitroaniline	13.87	65	237812	21.28 ng/ul#	65
44) Dimethylphthalate	14.23	163	771751	19.87 ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	173158	20.57 ng/ul#	85
47) Acenaphthylene	14.51	152	985226	21.34 ng/ul	99
48) 3-Nitroaniline	14.69	138	176211	22.26 ng/ul#	64
49) Acenaphthene	14.85	153	656673	20.88 ng/ul	98
50) 2,4-Dinitrophenol	14.91	184	80629	15.52 ng/ul#	87
52) 4-Nitrophenol	15.01	109	126230m	18.83 ng/ul	
53) Dibenzofuran	15.19	168	961668	20.64 ng/ul	89
54) 2,4-Dinitrotoluene	15.15	165	256343	20.10 ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.42	232	218395	19.47 ng/ul	99
56) Diethylphthalate	15.59	149	788308	19.42 ng/ul	96
58) Fluorene	15.84	166	779609	20.08 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	398534	20.41 ng/ul	99
60) 4-Nitroaniline	15.87	138	188584m	20.54 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.92	198	142088	18.82 ng/ul#	90
64) N-Nitrosodiphenylamine	16.04	169	701849	22.40 ng/ul	95
65) 4-Bromophenyl-phenylether	16.73	248	278887	21.69 ng/ul	97
66) Hexachlorobenzene	16.85	284	294562	21.51 ng/ul	94
67) Atrazine	16.99	200	276004	21.33 ng/ul	98
68) Pentachlorophenol	17.20	266	141827	18.77 ng/ul	92
69) Phenanthrene	17.60	178	1224609	21.09 ng/ul	98
71) Anthracene	17.68	178	1261813	21.30 ng/ul	98
72) Carbazole	17.96	167	1084226	22.71 ng/ul	98
73) Di-n-butylphthalate	18.50	149	1291573	21.60 ng/ul#	95
74) Fluoranthene	19.61	202	1332807	22.42 ng/ul#	92
77) Pyrene	19.97	202	1342351	21.03 ng/ul#	94
78) Butylbenzylphthalate	20.85	149	568421	23.21 ng/ul#	93
79) 3,3'-Dichlorobenzidine	21.77	252	444747	24.44 ng/ul#	97
80) Benzo(a)anthracene	21.86	228	1236525	21.26 ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.73	149	769249	23.63 ng/ul#	97
82) Chrysene	21.92	228	1121649	21.21 ng/ul	97
84) Di-n-octyl phthalate	23.00	149	1282564	24.41 ng/ul	100
85) Benzo(b)fluoranthene	24.19	252	1219466	20.61 ng/ul#	93
86) Benzo(k)fluoranthene	24.26	252	1186270	20.36 ng/ul#	92
88) Benzo(a)pyrene	25.11	252	1172245	20.52 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.17	276	1388935	20.69 ng/ul#	86
90) Dibenzo(a,h)anthracene	29.25	278	1185117	20.70 ng/ul#	90
91) Benzo(g,h,i)perylene	30.40	276	1163357m	20.90 ng/ul	

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

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