Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080516\
Data File : BG023519.D
Acq On : 6 Aug 2016 11:47
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 03:18:55 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 01 04:44:16 2004
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02013

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	126849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	570501	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	420185	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1051180	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1045714	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	1036467	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	23756	7.96	ng/uL	0.00
5) Phenol-d5	7.27	99	252178	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	164561	20.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	172992	19.84	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	201904	20.24	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	94717	21.06	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	107007	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	206370	21.18	ng/ul	0.00
29) 4-Chloroaniline-d4	11.08	131	267558	23.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	714900	20.78	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	829542	21.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	120265	20.48	ng/ul	0.00
57) Fluorene-d10	15.78	176	655461	20.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	139333	20.66	ng/ul	0.00
70) Anthracene-d10	17.64	188	1016597	21.47	ng/ul	0.00
76) Pyrene-d10	19.93	212	1112713	21.02	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	988568	21.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	24179	7.72	ng/uL#	77
4) Benzaldehyde	7.25	77	168385	21.62	ng/ul	88
6) Phenol	7.30	94	270827	20.35	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.53	93	200089	20.71	ng/ul#	86
10) 2-Chlorophenol	7.68	128	178482	20.10	ng/ul#	85
11) 2-Methylphenol	8.56	108	193084	19.27	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.65	45	277990	21.03	ng/ul	99
14) Acetophenone	8.95	105	331819	20.74	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.93	70	194824	20.24	ng/ul#	90
16) 4-Methylphenol	8.89	108	222498	19.81	ng/ul	96
17) Hexachloroethane	9.21	117	76256	19.90	ng/ul	98
20) Nitrobenzene	9.34	77	273067	20.72	ng/ul#	85
21) Isophorone	9.85	82	518960	21.41	ng/ul	95
23) 2-Nitrophenol	10.05	139	117132	21.01	ng/ul#	70
24) 2,4-Dimethylphenol	10.11	107	257125	21.02	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.34	93	298542	21.35	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	204446	20.81	ng/ul	95
28) Naphthalene	11.00	128	608135	21.00	ng/ul	96
30) 4-Chloroaniline	11.11	127	256552	22.62	ng/ul	97
31) Hexachlorobutadiene	11.28	225	133165	20.35	ng/ul	96
32) Caprolactam	11.87	113	77847	19.08	ng/ul#	37
33) 4-Chloro-3-methylphenol	12.23	107	258110	20.41	ng/ul	83
34) 2-Methylnaphthalene	12.60	142	493462	21.01	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	274894	21.31 ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	144304	20.22 ng/ul	98
38) 2,4,6-Trichlorophenol	13.21	196	190490	21.32 ng/ul	95
39) 2,4,5-Trichlorophenol	13.29	196	202535	21.15 ng/ul	94
40) 1,1'-Biphenyl	13.61	154	659316	21.35 ng/ul	97
41) 2-Chloronaphthalene	13.65	162	513687	21.39 ng/ul	96
42) 2-Nitroaniline	13.86	65	209881	21.41 ng/ul#	61
44) Dimethylphthalate	14.22	163	704361	20.68 ng/ul	99
45) 2,6-Dinitrotoluene	14.35	165	154016	20.85 ng/ul#	88
47) Acenaphthylene	14.50	152	862964	21.31 ng/ul	99
48) 3-Nitroaniline	14.69	138	150407	21.66 ng/ul#	55
49) Acenaphthene	14.85	153	577623	20.93 ng/ul	95
50) 2,4-Dinitrophenol	14.90	184	85169	18.69 ng/ul#	76
52) 4-Nitrophenol	15.01	109	117988	20.06 ng/ul#	77
53) Dibenzofuran	15.18	168	855562	20.93 ng/ul	90
54) 2,4-Dinitrotoluene	15.15	165	234482	20.95 ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.41	232	196065	19.93 ng/ul#	96
56) Diethylphthalate	15.59	149	741376	20.82 ng/ul	97
58) Fluorene	15.83	166	704015	20.67 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	357402	20.86 ng/ul	93
60) 4-Nitroaniline	15.86	138	166731	20.70 ng/ul#	56
63) 4,6-Dinitro-2-methylphenol	15.91	198	149470	21.11 ng/ul#	85
64) N-Nitrosodiphenylamine	16.03	169	641992	21.85 ng/ul	99
65) 4-Bromophenyl-phenylether	16.72	248	252601	20.95 ng/ul	97
66) Hexachlorobenzene	16.84	284	276084	21.50 ng/ul	95
67) Atrazine	16.99	200	259816	21.41 ng/ul	96
68) Pentachlorophenol	17.19	266	144837m	20.44 ng/ul	
69) Phenanthrene	17.58	178	1166105	21.42 ng/ul	100
71) Anthracene	17.68	178	1204983	21.69 ng/ul	98
72) Carbazole	17.95	167	1067557	23.85 ng/ul	99
73) Di-n-butylphthalate	18.49	149	1253037	22.35 ng/ul#	94
74) Fluoranthene	19.60	202	1377690	24.72 ng/ul#	92
77) Pyrene	19.96	202	1385094	21.43 ng/ul	95
78) Butylbenzylphthalate	20.84	149	551651m	22.25 ng/ul	
79) 3,3'-Dichlorobenzidine	21.75	252	422351	22.92 ng/ul#	97
80) Benzo(a)anthracene	21.84	228	1263575	21.46 ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.72	149	764040	23.17 ng/ul#	98
82) Chrysene	21.91	228	1157870	21.62 ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1260403	24.08 ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1263593	21.43 ng/ul#	95
86) Benzo(k)fluoranthene	24.23	252	1208586	20.82 ng/ul#	92
88) Benzo(a)pyrene	25.07	252	1203169	21.14 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.09	276	1412650m	21.12 ng/ul	
90) Dibenzo(a,h)anthracene	29.16	278	1200815m	21.05 ng/ul	
91) Benzo(g,h,i)perylene	30.31	276	1151760	20.77 ng/ul#	86

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

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