Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080816\
Data File : BG023537.D
Acq On : 8 Aug 2016 16:53
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 09 02:18:05 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 09 02:15:40 2016
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : SSTD02016

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	132860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	638649	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	463616	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	1156222	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1160484	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1161232	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	22631	7.24	ng/uL	0.00
5) Phenol-d5	7.27	99	278980	20.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	186083	21.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	192866	21.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	220327	21.09	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	100896	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	119046	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	228739	20.97	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	294285	23.00	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	781757	20.59	ng/ul	0.00
46) Acenaphthylene-d8	14.47	160	914857	21.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	137639	21.24	ng/ul	0.00
57) Fluorene-d10	15.77	176	720157	20.53	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	147441	19.88	ng/ul	0.00
70) Anthracene-d10	17.64	188	1109398	21.30	ng/ul	0.00
76) Pyrene-d10	19.93	212	1230941	20.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1122593	21.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	23600	7.20	ng/uL	94
4) Benzaldehyde	7.25	77	182011	22.31	ng/ul#	78
6) Phenol	7.30	94	292045m	20.95	ng/ul	
8) Bis(2-Chloroethyl)ether	7.53	93	217212	21.47	ng/ul#	87
10) 2-Chlorophenol	7.67	128	189223	20.35	ng/ul#	78
11) 2-Methylphenol	8.56	108	215520	20.53	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.65	45	297646	21.50	ng/ul	99
14) Acetophenone	8.94	105	358855	21.41	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.92	70	209033	20.73	ng/ul#	87
16) 4-Methylphenol	8.89	108	241981	20.57	ng/ul	100
17) Hexachloroethane	9.21	117	80261	20.00	ng/ul#	84
20) Nitrobenzene	9.33	77	301129	20.41	ng/ul#	83
21) Isophorone	9.85	82	566284	20.87	ng/ul#	92
23) 2-Nitrophenol	10.05	139	126549	20.27	ng/ul#	68
24) 2,4-Dimethylphenol	10.10	107	280988	20.52	ng/ul	87
25) Bis(2-Chloroethoxy)methane	10.34	93	323552	20.67	ng/ul	95
27) 2,4-Dichlorophenol	10.59	162	227534	20.69	ng/ul	95
28) Naphthalene	11.00	128	672073	20.73	ng/ul	99
30) 4-Chloroaniline	11.11	127	289363	22.79	ng/ul	97
31) Hexachlorobutadiene	11.27	225	153844	21.00	ng/ul	94
32) Caprolactam	11.87	113	84966	18.60	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.23	107	286852	20.27	ng/ul#	82
34) 2-Methylnaphthalene	12.60	142	552081	21.00	ng/ul	93

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36) 1,2,4,5-Tetrachlorobenzene	12.97	216	305687	21.48	ng/ul	97
37) Hexachlorocyclopentadiene	12.94	237	155025	19.69	ng/ul	94
38) 2,4,6-Trichlorophenol	13.21	196	210390	21.34	ng/ul	96
39) 2,4,5-Trichlorophenol	13.29	196	216633	20.50	ng/ul	98
40) 1,1'-Biphenyl	13.61	154	734818	21.57	ng/ul	96
41) 2-Chloronaphthalene	13.65	162	577127	21.78	ng/ul	98
42) 2-Nitroaniline	13.86	65	232400	21.48	ng/ul#	62
44) Dimethylphthalate	14.22	163	773173	20.57	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	165664	20.33	ng/ul#	84
47) Acenaphthylene	14.50	152	957011	21.42	ng/ul	98
48) 3-Nitroaniline	14.69	138	168560	22.00	ng/ul#	73
49) Acenaphthene	14.84	153	641477	21.07	ng/ul	94
50) 2,4-Dinitrophenol	14.90	184	86242	17.15	ng/ul#	87
52) 4-Nitrophenol	15.00	109	124183	19.13	ng/ul#	73
53) Dibenzofuran	15.18	168	955647	21.18	ng/ul	89
54) 2,4-Dinitrotoluene	15.14	165	259310	21.00	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.41	232	213348	19.65	ng/ul	98
56) Diethylphthalate	15.59	149	806679	20.53	ng/ul	96
58) Fluorene	15.83	166	776535	20.66	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.81	204	389881	20.63	ng/ul	97
60) 4-Nitroaniline	15.86	138	187574	21.11	ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.91	198	161180	20.70	ng/ul#	86
64) N-Nitrosodiphenylamine	16.03	169	707357	21.89	ng/ul	97
65) 4-Bromophenyl-phenylether	16.72	248	278480	21.00	ng/ul	98
66) Hexachlorobenzene	16.84	284	305589	21.63	ng/ul	97
67) Atrazine	16.98	200	287882	21.57	ng/ul	97
68) Pentachlorophenol	17.19	266	152257	19.54	ng/ul	94
69) Phenanthrene	17.58	178	1263516	21.10	ng/ul	98
71) Anthracene	17.68	178	1335275	21.85	ng/ul	97
72) Carbazole	17.95	167	1154340	23.45	ng/ul	98
73) Di-n-butylphthalate	18.49	149	1365409	22.14	ng/ul#	93
74) Fluoranthene	19.60	202	1499059	24.45	ng/ul#	93
77) Pyrene	19.96	202	1508728	21.03	ng/ul	96
78) Butylbenzylphthalate	20.83	149	619922	22.53	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.75	252	471180	23.04	ng/ul#	94
80) Benzo(a)anthracene	21.84	228	1415946	21.67	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.71	149	822862	22.49	ng/ul#	99
82) Chrysene	21.90	228	1290557	21.72	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1369012	23.34	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1398288	21.17	ng/ul#	96
86) Benzo(k)fluoranthene	24.23	252	1382428	21.26	ng/ul#	91
88) Benzo(a)pyrene	25.07	252	1362420	21.36	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.08	276	1595360	21.29	ng/ul#	90
90) Dibenzo(a,h)anthracene	29.16	278	1352914	21.17	ng/ul#	92
91) Benzo(g,h,i)perylene	30.28	276	1321372m	21.27	ng/ul	

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

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