Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101417\
Data File : BG029227.D
Acq On : 14 Oct 2017 14:47
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02066

Quant Time: Oct 14 23:24:19 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 06:44:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	88154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	401044	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	251511	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.52	188	588336	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	541805	20.00	ng/ul	0.00
83) Perylene-d12	25.10	264	537897	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	17178	7.92	ng/uL	0.00
5) Phenol-d5	7.32	99	182517	21.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	110434	20.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	129598	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	148248	21.69	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	64675	22.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	67505	22.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	139655	20.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	174993	22.41	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	431740	20.08	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	545171	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.96	143	84502	21.29	ng/ul	0.00
57) Fluorene-d10	15.77	176	371049	21.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.88	200	59288	20.64	ng/ul	0.00
70) Anthracene-d10	17.62	188	576445	20.72	ng/ul	0.00
76) Pyrene-d10	19.90	212	592256	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.87	264	519326	20.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	21552	8.15	ng/uL#	80
4) Benzaldehyde	7.30	77	120611	23.07	ng/ul	96
6) Phenol	7.34	94	184563	21.08	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.58	93	141139	21.18	ng/ul	88
10) 2-Chlorophenol	7.73	128	133827	21.93	ng/ul	95
11) 2-Methylphenol	8.60	108	137786	21.05	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.70	45	193688	19.83	ng/ul#	94
14) Acetophenone	8.99	105	222164	21.29	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.97	70	119094	20.59	ng/ul	91
16) 4-Methylphenol	8.93	108	152965	21.45	ng/ul	98
17) Hexachloroethane	9.26	117	50976	20.92	ng/ul	87
20) Nitrobenzene	9.37	77	164238	20.92	ng/ul	94
21) Isophorone	9.90	82	329939	19.89	ng/ul#	97
23) 2-Nitrophenol	10.09	139	74773	22.84	ng/ul#	84
24) 2,4-Dimethylphenol	10.14	107	166740	20.95	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.38	93	197298	19.76	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	136156	21.15	ng/ul	95
28) Naphthalene	11.04	128	445649	21.00	ng/ul	99
30) 4-Chloroaniline	11.14	127	171503	22.44	ng/ul	96
31) Hexachlorobutadiene	11.33	225	73625	18.31	ng/ul	98
32) Caprolactam	11.88	113	59148	21.47	ng/ul	98
33) 4-Chloro-3-methylphenol	12.25	107	159776	21.16	ng/ul	98
34) 2-Methylnaphthalene	12.63	142	330644	18.82	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	154559	20.74	ng/ul#	93
37) Hexachlorocyclopentadiene	12.98	237	67770	17.25	ng/ul	94
38) 2,4,6-Trichlorophenol	13.22	196	108690	21.05	ng/ul	98
39) 2,4,5-Trichlorophenol	13.30	196	115743	21.23	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	422686	20.38	ng/ul	97
41) 2-Chloronaphthalene	13.67	162	318606	20.30	ng/ul	96
42) 2-Nitroaniline	13.86	65	111283	22.63	ng/ul	91
44) Dimethylphthalate	14.23	163	418717	19.96	ng/ul	98
45) 2,6-Dinitrotoluene	14.35	165	82881	22.59	ng/ul	97
47) Acenaphthylene	14.52	152	557828	20.91	ng/ul	99
48) 3-Nitroaniline	14.68	138	91433	23.00	ng/ul#	90
49) Acenaphthene	14.85	153	376827	20.65	ng/ul	97
50) 2,4-Dinitrophenol	14.89	184	38100	19.40	ng/ul	93
52) 4-Nitrophenol	14.98	109	62832	20.98	ng/ul#	78
53) Dibenzofuran	15.19	168	514639	20.63	ng/ul	96
54) 2,4-Dinitrotoluene	15.14	165	124492	23.21	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.40	232	100691	21.00	ng/ul#	94
56) Diethylphthalate	15.59	149	440002	20.36	ng/ul	99
58) Fluorene	15.83	166	436573	21.93	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	193230	20.63	ng/ul	96
60) 4-Nitroaniline	15.84	138	104454	21.38	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.90	198	62621	20.64	ng/ul	89
64) N-Nitrosodiphenylamine	16.03	169	373135	21.26	ng/ul	96
65) 4-Bromophenyl-phenylether	16.71	248	119043	20.06	ng/ul	100
66) Hexachlorobenzene	16.83	284	122981	20.25	ng/ul	95
67) Atrazine	16.97	200	137670	20.66	ng/ul	98
68) Pentachlorophenol	17.17	266	74611	20.62	ng/ul	95
69) Phenanthrene	17.56	178	667345	20.98	ng/ul	98
71) Anthracene	17.66	178	696959	21.24	ng/ul	98
72) Carbazole	17.92	167	637393	21.61	ng/ul	99
73) Di-n-butylphthalate	18.47	149	769512	21.71	ng/ul	99
74) Fluoranthene	19.56	202	749663	21.09	ng/ul#	91
77) Pyrene	19.92	202	780035	21.48	ng/ul#	88
78) Butylbenzylphthalate	20.80	149	340631	23.14	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.68	252	220395	22.23	ng/ul	99
80) Benzo(a)anthracene	21.78	228	700560	20.63	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	487272	22.84	ng/ul	99
82) Chrysene	21.84	228	639630	20.73	ng/ul	97
84) Di-n-octyl phthalate	22.92	149	839276	23.32	ng/ul	100
85) Benzo(b)fluoranthene	24.05	252	647623	20.06	ng/ul#	95
86) Benzo(k)fluoranthene	24.12	252	657576	21.06	ng/ul#	97
88) Benzo(a)pyrene	24.95	252	649201	20.65	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.89	276	724143	20.36	ng/ul#	89
90) Dibenzo(a,h)anthracene	28.95	278	596204	20.18	ng/ul#	93
91) Benzo(g,h,i)perylene	30.07	276	601019	20.39	ng/ul#	90

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

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