Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121316\
Data File : BG025153.D
Acq On : 13 Dec 2016 19:32
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02003

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12/14/2016 6:17:37 PM

Quant Time: Dec 14 03:20:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 03:02:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	87070	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	387460	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	339752	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	811552	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	929366	20.00	ng/ul	0.00
83) Perylene-d12	25.32	264	956786	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.58	96	14453	8.57	ng/uL	0.00
5) Phenol-d5	7.39	99	149835	19.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	99090	21.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	103406	19.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	131904	21.01	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	56802	20.70	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	67149	19.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	133193	20.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	157023	24.29	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	484291	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.55	160	524419	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	82864	20.63	ng/ul	0.00
57) Fluorene-d10	15.85	176	445611	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	100701	20.07	ng/ul	0.00
70) Anthracene-d10	17.70	188	693878	20.26	ng/ul	0.00
76) Pyrene-d10	19.97	212	823195	21.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	800417	20.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.63	88	15747	7.17	ng/uL	95
4) Benzaldehyde	7.37	77	123929	21.92	ng/ul	94
6) Phenol	7.42	94	152659	19.80	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.64	93	111520	19.77	ng/ul	94
10) 2-Chlorophenol	7.80	128	106313	20.13	ng/ul	99
11) 2-Methylphenol	8.67	108	116361	20.50	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.76	45	224328	23.38	ng/ul	97
14) Acetophenone	9.07	105	194261	20.33	ng/ul#	95
15) N-Nitroso-di-n-propylamine	9.04	70	125163	22.68	ng/ul#	92
16) 4-Methylphenol	9.01	108	130872	20.72	ng/ul	86
17) Hexachloroethane	9.32	117	51135	21.86	ng/ul	91
20) Nitrobenzene	9.46	77	176194	20.90	ng/ul	98
21) Isophorone	9.97	82	345165	21.63	ng/ul	98
23) 2-Nitrophenol	10.17	139	69845	20.13	ng/ul	91
24) 2,4-Dimethylphenol	10.21	107	165646	20.88	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.45	93	169931	20.90	ng/ul	91
27) 2,4-Dichlorophenol	10.71	162	127438	19.95	ng/ul	93
28) Naphthalene	11.12	128	359045	19.93	ng/ul	97
30) 4-Chloroaniline	11.23	127	156204	23.63	ng/ul	96
31) Hexachlorobutadiene	11.38	225	105775	19.26	ng/ul	90
32) Caprolactam	11.99	113	58283m	21.97	ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	164920	20.95	ng/ul	98
34) 2-Methylnaphthalene	12.70	142	296491	20.86	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	195909	19.13	ng/ul#	96
37) Hexachlorocyclopentadiene	13.03	237	129611	21.56	ng/ul	97
38) 2,4,6-Trichlorophenol	13.30	196	130598	20.30	ng/ul	89
39) 2,4,5-Trichlorophenol	13.38	196	135989	19.29	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	416932	20.24	ng/ul	99
41) 2-Chloronaphthalene	13.74	162	315528	19.24	ng/ul	97
42) 2-Nitroaniline	13.95	65	143685	22.39	ng/ul	94
44) Dimethylphthalate	14.30	163	473312	20.61	ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	101975	20.66	ng/ul#	93
47) Acenaphthylene	14.58	152	506879	20.37	ng/ul	97
48) 3-Nitroaniline	14.77	138	101999	23.87	ng/ul#	87
49) Acenaphthene	14.92	153	346361	20.32	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	58550	18.26	ng/ul	89
52) 4-Nitrophenol	15.08	109	104978	21.73	ng/ul	91
53) Dibenzofuran	15.25	168	538282	19.96	ng/ul	98
54) 2,4-Dinitrotoluene	15.22	165	159141	21.40	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.48	232	147789	19.84	ng/ul#	95
56) Diethylphthalate	15.65	149	512552	21.07	ng/ul	97
58) Fluorene	15.90	166	448569	20.43	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.88	204	243483	19.70	ng/ul	91
60) 4-Nitroaniline	15.93	138	107274	20.81	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.99	198	104469	20.10	ng/ul#	96
64) N-Nitrosodiphenylamine	16.10	169	419986	20.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.78	248	186480	20.34	ng/ul	94
66) Hexachlorobenzene	16.90	284	209541	20.30	ng/ul	96
67) Atrazine	17.03	200	203015	20.45	ng/ul	98
68) Pentachlorophenol	17.25	266	115749	18.68	ng/ul	89
69) Phenanthrene	17.64	178	785009	20.27	ng/ul	100
71) Anthracene	17.74	178	806212	20.25	ng/ul	98
72) Carbazole	18.01	167	711533	21.42	ng/ul	99
73) Di-n-butylphthalate	18.53	149	892229	21.27	ng/ul	99
74) Fluoranthene	19.64	202	990962	21.53	ng/ul	97
77) Pyrene	20.00	202	985363	22.06	ng/ul	98
78) Butylbenzylphthalate	20.85	149	390545	22.33	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.78	252	357665	22.08	ng/ul#	91
80) Benzo(a)anthracene	21.88	228	1002977	20.77	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	533454	22.16	ng/ul	99
82) Chrysene	21.95	228	936402	20.73	ng/ul	98
84) Di-n-octyl phthalate	22.99	149	919722	23.68	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1008443	21.26	ng/ul	98
86) Benzo(k)fluoranthene	24.28	252	915613m	20.30	ng/ul	
88) Benzo(a)pyrene	25.15	252	956387	20.97	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	1170699m	20.65	ng/ul	
90) Dibenzo(a,h)anthracene	29.31	278	983924m	20.60	ng/ul	
91) Benzo(g,h,i)perylene	30.49	276	972504m	20.55	ng/ul	

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

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