Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120616\
Data File : BG024972.D
Acq On : 6 Dec 2016 9:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02015

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12/7/2016 4:33:06 PM

Quant Time: Dec 07 02:35:43 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 02 23:46:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	85391	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	365021	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	304948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	735791m	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1034915m	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	1080009	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	13344	8.07	ng/uL	0.00
5) Phenol-d5	7.38	99	143547	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	93673	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	103077	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	117333	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	54314	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	59923	18.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	125768	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	142620	23.42	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	427792	20.39	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	468460	20.39	ng/ul	0.00
51) 4-Nitrophenol-d4	15.04	143	76052	21.10	ng/ul	0.00
57) Fluorene-d10	15.85	176	400551	20.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	89682	19.71	ng/ul	0.00
70) Anthracene-d10	17.70	188	646562	20.82	ng/ul	0.00
76) Pyrene-d10	19.98	212	845239	19.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	899893	20.56	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	16708	7.76	ng/uL	92
4) Benzaldehyde	7.37	77	115995	20.92	ng/ul	97
6) Phenol	7.41	94	153834	20.34	ng/ul	88
8) Bis(2-Chloroethyl)ether	7.65	93	106707	19.29	ng/ul	96
10) 2-Chlorophenol	7.80	128	98665	19.05	ng/ul	92
11) 2-Methylphenol	8.67	108	109607	19.69	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.77	45	189477	20.14	ng/ul	99
14) Acetophenone	9.07	105	186122	19.87	ng/ul	89
15) N-Nitroso-di-n-propylamine	9.04	70	108547	20.06	ng/ul#	82
16) 4-Methylphenol	9.00	108	121427	19.61	ng/ul	94
17) Hexachloroethane	9.33	117	47766	20.82	ng/ul	83
20) Nitrobenzene	9.46	77	158921	20.01	ng/ul	97
21) Isophorone	9.98	82	296173	19.70	ng/ul#	98
23) 2-Nitrophenol	10.18	139	65078	19.91	ng/ul	97
24) 2,4-Dimethylphenol	10.21	107	148224	19.83	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.45	93	152862	19.95	ng/ul#	90
27) 2,4-Dichlorophenol	10.71	162	121458	20.18	ng/ul	95
28) Naphthalene	11.12	128	331345	19.53	ng/ul	95
30) 4-Chloroaniline	11.23	127	137050	22.01	ng/ul	98
31) Hexachlorobutadiene	11.39	225	102136	19.74	ng/ul	94
32) Caprolactam	11.98	113	48996	19.61	ng/ul	87
33) 4-Chloro-3-methylphenol	12.32	107	145510	19.62	ng/ul	99
34) 2-Methylnaphthalene	12.71	142	268982	20.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	190511	20.73	ng/ul	89
37) Hexachlorocyclopentadiene	13.03	237	103114	19.11	ng/ul	96
38) 2,4,6-Trichlorophenol	13.30	196	114198	19.78	ng/ul	89
39) 2,4,5-Trichlorophenol	13.37	196	125743	19.87	ng/ul	97
40) 1,1'-Biphenyl	13.70	154	381662	20.64	ng/ul#	97
41) 2-Chloronaphthalene	13.75	162	299022	20.32	ng/ul	99
42) 2-Nitroaniline	13.95	65	120477	20.91	ng/ul	97
44) Dimethylphthalate	14.30	163	422113	20.48	ng/ul#	96
45) 2,6-Dinitrotoluene	14.43	165	86340	19.49	ng/ul	93
47) Acenaphthylene	14.59	152	452857	20.27	ng/ul	98
48) 3-Nitroaniline	14.77	138	86391	22.52	ng/ul#	88
49) Acenaphthene	14.93	153	310721	20.31	ng/ul	98
50) 2,4-Dinitrophenol	14.98	184	55310	19.22	ng/ul#	82
52) 4-Nitrophenol	15.06	109	96504	22.26	ng/ul	95
53) Dibenzofuran	15.26	168	488589	20.19	ng/ul	96
54) 2,4-Dinitrotoluene	15.22	165	136575	20.46	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.48	232	133058	19.90	ng/ul	97
56) Diethylphthalate	15.65	149	436867	20.01	ng/ul	97
58) Fluorene	15.91	166	407553	20.68	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.89	204	224323	20.22	ng/ul	90
60) 4-Nitroaniline	15.93	138	93791	20.27	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.98	198	94869m	20.13	ng/ul	
64) N-Nitrosodiphenylamine	16.10	169	372221	19.66	ng/ul	93
65) 4-Bromophenyl-phenylether	16.78	248	164945	19.85	ng/ul	89
66) Hexachlorobenzene	16.90	284	197460	21.10	ng/ul	95
67) Atrazine	17.04	200	182449	20.27	ng/ul	96
68) Pentachlorophenol	17.25	266	110775m	19.71	ng/ul	
69) Phenanthrene	17.65	178	730615m	20.80	ng/ul	
71) Anthracene	17.74	178	743740	20.60	ng/ul	99
72) Carbazole	18.00	167	667900	22.17	ng/ul	98
73) Di-n-butylphthalate	18.53	149	802881	21.11	ng/ul	98
74) Fluoranthene	19.64	202	982119	23.54	ng/ul	99
77) Pyrene	20.01	202	1010565	20.31	ng/ul	98
78) Butylbenzylphthalate	20.86	149	393656	20.21	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.78	252	388278m	21.52	ng/ul	
80) Benzo(a)anthracene	21.87	228	1089771m	20.27	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.73	149	531008	19.81	ng/ul	100
82) Chrysene	21.95	228	1021489	20.31	ng/ul	98
84) Di-n-octyl phthalate	23.00	149	918795	20.95	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	1098911	20.52	ng/ul	97
86) Benzo(k)fluoranthene	24.28	252	1025658m	20.15	ng/ul	
88) Benzo(a)pyrene	25.14	252	1048505	20.36	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.23	276	1294938	20.24	ng/ul	100
90) Dibenzo(a,h)anthracene	29.28	278	1077462	19.98	ng/ul	98
91) Benzo(g,h,i)perylene	30.46	276	1075027	20.13	ng/ul	97

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

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