Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025262.D
Acq On : 17 Dec 2016 6:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 100 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02014

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12/20/2016 10:49:03 AM

Quant Time: Dec 18 00:39:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 18 00:29:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	139492	20.00	ng/ul	0.00
18) Naphthalene-d8	11.06	136	505041	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	402710	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.60	188	942948	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1099633	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1169959	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	18184	6.73	ng/uL	0.00
5) Phenol-d5	7.40	99	231390	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	142136	19.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.76	132	161980	19.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	186410	18.54	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	81339	22.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	94578	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	176088	20.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	191127	22.68	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	559248	20.19	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	617159	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	15.08	143	97873	20.56	ng/ul	0.00
57) Fluorene-d10	15.85	176	524593	20.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	133273	22.86	ng/ul	0.00
70) Anthracene-d10	17.70	188	797332	20.03	ng/ul	0.00
76) Pyrene-d10	19.98	212	973891	21.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	982967	20.74	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.62	88	20968	5.96	ng/uL	88
4) Benzaldehyde	7.38	77	180797	19.96	ng/ul	96
6) Phenol	7.42	94	239204	19.37	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.65	93	170732	18.89	ng/ul	97
10) 2-Chlorophenol	7.80	128	167270	19.77	ng/ul	91
11) 2-Methylphenol	8.69	108	175371	19.28	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.76	45	303957	19.78	ng/ul	99
14) Acetophenone	9.07	105	283210	18.50	ng/ul	95
15) N-Nitroso-di-n-propylamine	9.04	70	162132	18.34	ng/ul	90
16) 4-Methylphenol	9.01	108	183018	18.09	ng/ul	96
17) Hexachloroethane	9.32	117	77466	20.67	ng/ul	91
20) Nitrobenzene	9.46	77	249446	22.70	ng/ul	97
21) Isophorone	9.98	82	416403	20.02	ng/ul	99
23) 2-Nitrophenol	10.17	139	95824	21.19	ng/ul	87
24) 2,4-Dimethylphenol	10.22	107	207259	20.04	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.45	93	206696	19.50	ng/ul	95
27) 2,4-Dichlorophenol	10.71	162	175817	21.12	ng/ul	93
28) Naphthalene	11.11	128	473999	20.19	ng/ul	98
30) 4-Chloroaniline	11.23	127	197942	22.98	ng/ul	92
31) Hexachlorobutadiene	11.37	225	158249	22.11	ng/ul	95
32) Caprolactam	12.01	113	63047m	18.24	ng/ul	
33) 4-Chloro-3-methylphenol	12.34	107	205126	19.99	ng/ul	96
34) 2-Methylnaphthalene	12.70	142	385972	20.83	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.06	216	274940	22.65 ng/ul	94
37) Hexachlorocyclopentadiene	13.02	237	143904	20.20 ng/ul	97
38) 2,4,6-Trichlorophenol	13.30	196	172009	22.56 ng/ul	90
39) 2,4,5-Trichlorophenol	13.39	196	185545	22.20 ng/ul	99
40) 1,1'-Biphenyl	13.69	154	512632	21.00 ng/ul	99
41) 2-Chloronaphthalene	13.74	162	408199	21.00 ng/ul	94
42) 2-Nitroaniline	13.96	65	155590	20.45 ng/ul	97
44) Dimethylphthalate	14.30	163	540002	19.84 ng/ul	98
45) 2,6-Dinitrotoluene	14.44	165	114112	19.51 ng/ul#	93
47) Acenaphthylene	14.58	152	620943	21.05 ng/ul	97
48) 3-Nitroaniline	14.78	138	112880	22.28 ng/ul#	80
49) Acenaphthene	14.93	153	414141	20.49 ng/ul	97
50) 2,4-Dinitrophenol	15.00	184	60719	15.98 ng/ul#	87
52) 4-Nitrophenol	15.10	109	118233	20.65 ng/ul	94
53) Dibenzofuran	15.25	168	642455	20.10 ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	177574	20.14 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.48	232	193554	21.92 ng/ul#	96
56) Diethylphthalate	15.65	149	557877	19.35 ng/ul	99
58) Fluorene	15.90	166	526747	20.24 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.88	204	291791	19.91 ng/ul#	87
60) 4-Nitroaniline	15.94	138	126296	20.67 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.00	198	129465	21.44 ng/ul#	95
64) N-Nitrosodiphenylamine	16.10	169	475138	19.59 ng/ul	95
65) 4-Bromophenyl-phenylether	16.78	248	218857	20.55 ng/ul	96
66) Hexachlorobenzene	16.91	284	260361	21.71 ng/ul	93
67) Atrazine	17.04	200	223159	19.35 ng/ul	100
68) Pentachlorophenol	17.26	266	144942	20.13 ng/ul	99
69) Phenanthrene	17.65	178	928131	20.62 ng/ul	99
71) Anthracene	17.74	178	919458	19.87 ng/ul	98
72) Carbazole	18.01	167	770465	19.96 ng/ul	99
73) Di-n-butylphthalate	18.52	149	924058	18.96 ng/ul	100
74) Fluoranthene	19.64	202	1143122	21.38 ng/ul	98
77) Pyrene	20.01	202	1137370	21.52 ng/ul	96
78) Butylbenzylphthalate	20.85	149	404953	19.57 ng/ul	93
79) 3,3'-Dichlorobenzidine	21.78	252	463071	24.16 ng/ul#	93
80) Benzo(a)anthracene	21.88	228	1163090	20.36 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	545894	19.16 ng/ul#	95
82) Chrysene	21.95	228	1078666	20.19 ng/ul	99
84) Di-n-octyl phthalate	22.99	149	963552	20.28 ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1162525	20.04 ng/ul	99
86) Benzo(k)fluoranthene	24.30	252	1144326	20.75 ng/ul	99
88) Benzo(a)pyrene	25.17	252	1136541	20.38 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.29	276	1438047m	20.74 ng/ul	
90) Dibenzo(a,h)anthracene	29.34	278	1228989m	21.04 ng/ul	
91) Benzo(g,h,i)perylene	30.54	276	1145122m	19.79 ng/ul	

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

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