Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070516\
Data File : BG022867.D
Acq On : 6 Jul 2016 2:07
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02022

Manual Integrations
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7/6/2016 7:17:34 PM

Quant Time: Jul 06 05:06:29 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 06 03:22:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	128052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	594094	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	457694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1102432	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1180202	20.00	ng/ul	0.02
83) Perylene-d12	25.23	264	1224222	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	20631	9.00	ng/uL	0.00
5) Phenol-d5	7.31	99	260972	19.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	152834	20.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	172271	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	205630	19.65	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	90718	19.15	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	107815	18.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	225965	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	254717m	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	748647	20.13	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	878805	20.62	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	118137	20.24	ng/ul	0.02
57) Fluorene-d10	15.80	176	722242	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	148621	20.96	ng/ul	0.00
70) Anthracene-d10	17.66	188	1054610	20.58	ng/ul	0.00
76) Pyrene-d10	19.94	212	1217331	21.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1163926	20.01	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	24212	9.02	ng/uL#	75
4) Benzaldehyde	7.29	77	183837	21.47	ng/ul#	82
6) Phenol	7.34	94	267558	19.39	ng/ul#	60
8) Bis(2-Chloroethyl)ether	7.57	93	185968	19.71	ng/ul	94
10) 2-Chlorophenol	7.72	128	175623	19.19	ng/ul#	81
11) 2-Methylphenol	8.60	108	202327	19.52	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.69	45	221624	20.89	ng/ul#	94
14) Acetophenone	8.99	105	336252	19.90	ng/ul#	83
15) N-Nitroso-di-n-propylamine	8.96	70	194790	19.18	ng/ul#	85
16) 4-Methylphenol	8.93	108	230998	20.05	ng/ul	96
17) Hexachloroethane	9.26	117	82661	21.21	ng/ul#	79
20) Nitrobenzene	9.37	77	290508	19.94	ng/ul#	82
21) Isophorone	9.90	82	517631	19.92	ng/ul#	92
23) 2-Nitrophenol	10.09	139	120074	19.80	ng/ul#	38
24) 2,4-Dimethylphenol	10.14	107	283408	19.52	ng/ul#	82
25) Bis(2-Chloroethoxy)methane	10.38	93	299354	19.52	ng/ul#	95
27) 2,4-Dichlorophenol	10.63	162	234873	19.56	ng/ul	98
28) Naphthalene	11.04	128	595368	19.60	ng/ul	99
30) 4-Chloroaniline	11.14	127	251409	24.33	ng/ul	93
31) Hexachlorobutadiene	11.32	225	188332	20.36	ng/ul	91
32) Caprolactam	11.90	113	84521m	21.09	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	290429	19.12	ng/ul	85
34) 2-Methylnaphthalene	12.64	142	499097	19.86	ng/ul	92

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36) 1,2,4,5-Tetrachlorobenzene	13.00	216	357103	20.87	ng/ul	99
37) Hexachlorocyclopentadiene	12.98	237	173165	16.76	ng/ul	94
38) 2,4,6-Trichlorophenol	13.24	196	239060	20.26	ng/ul	99
39) 2,4,5-Trichlorophenol	13.31	196	247950	19.97	ng/ul	95
40) 1,1'-Biphenyl	13.63	154	703634	20.22	ng/ul	96
41) 2-Chloronaphthalene	13.68	162	583172	20.69	ng/ul	96
42) 2-Nitroaniline	13.88	65	222291	20.39	ng/ul#	63
44) Dimethylphthalate	14.25	163	773213	20.37	ng/ul#	99
45) 2,6-Dinitrotoluene	14.37	165	170796	20.78	ng/ul#	82
47) Acenaphthylene	14.53	152	898852	20.95	ng/ul	99
48) 3-Nitroaniline	14.71	138	147785	23.01	ng/ul#	63
49) Acenaphthene	14.87	153	595049	20.41	ng/ul	92
50) 2,4-Dinitrophenol	14.91	184	89706	19.64	ng/ul	94
52) 4-Nitrophenol	15.01	109	151482m	20.40	ng/ul	
53) Dibenzofuran	15.20	168	926929	20.58	ng/ul#	85
54) 2,4-Dinitrotoluene	15.16	165	242990	20.44	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.43	232	257912	20.40	ng/ul#	95
56) Diethylphthalate	15.61	149	779080	20.20	ng/ul	95
58) Fluorene	15.85	166	724742	20.03	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.84	204	429265	19.81	ng/ul	97
60) 4-Nitroaniline	15.87	138	159511m	20.68	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.93	198	159398	21.21	ng/ul#	93
64) N-Nitrosodiphenylamine	16.05	169	675511	20.81	ng/ul	95
65) 4-Bromophenyl-phenylether	16.74	248	302545	20.52	ng/ul	97
66) Hexachlorobenzene	16.86	284	318123	20.38	ng/ul	92
67) Atrazine	17.00	200	298970	22.08	ng/ul#	93
68) Pentachlorophenol	17.21	266	189299	21.09	ng/ul	92
69) Phenanthrene	17.60	178	1174741	20.83	ng/ul	99
71) Anthracene	17.69	178	1203518	20.77	ng/ul	97
72) Carbazole	17.96	167	991029	23.11	ng/ul	98
73) Di-n-butylphthalate	18.50	149	1225860	22.27	ng/ul#	94
74) Fluoranthene	19.60	202	1401787	23.86	ng/ul#	88
77) Pyrene	19.97	202	1423711	21.55	ng/ul#	85
78) Butylbenzylphthalate	20.84	149	568742	22.20	ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.75	252	553677	24.77	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	1458324	21.07	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.72	149	774892	23.44	ng/ul#	99
82) Chrysene	21.91	228	1338392	21.24	ng/ul	95
84) Di-n-octyl phthalate	22.99	149	1315380	24.38	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	1493366m	19.52	ng/ul	
86) Benzo(k)fluoranthene	24.23	252	1467126m	20.42	ng/ul	
88) Benzo(a)pyrene	25.08	252	1452793	19.99	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.09	276	1623138	21.12	ng/ul#	80
90) Dibenzo(a,h)anthracene	29.17	278	1366181m	21.50	ng/ul	
91) Benzo(g,h,i)perylene	30.31	276	1307980	21.71	ng/ul#	79

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

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