Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG031716\
Data File : BG021440.D
Acq On : 17 Mar 2016 20:03
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02008

Manual Integrations APPROVED
UMANGI
3/18/2016 11:58:55 AM

Quant Time: Mar 18 04:42:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 18 04:03:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	7657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	37425	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	24534	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	62227	20.00	ng/ul	0.00
78) Chrysene-d12	21.69	240	74341	20.00	ng/ul	0.00
86) Perylene-d12	24.93	264	71564	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	1472	8.63	ng/uL	0.00
5) Phenol-d5	7.34	99	13203	18.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	7858	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	10573	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.85	113	12832	20.70	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	5486	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	6411	19.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	11092	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	15840	21.12	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	41110	20.12	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	49705	19.74	ng/ul	0.00
52) 4-Nitrophenol-d4	15.07	143	4673	14.31	ng/ul	0.00
58) Fluorene-d10	15.69	176	36638	19.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	7503	18.25	ng/ul	0.00
71) Anthracene-d10	17.53	188	58416	19.16	ng/ul	0.00
79) Pyrene-d10	19.81	212	67705	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.70	264	63765	19.31	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	1976	8.57	ng/uL#	72
4) Benzaldehyde	7.23	77	8783	19.91	ng/ul	94
6) Phenol	7.37	94	13990	18.28	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.50	93	10439	18.84	ng/ul	84
10) 2-Chlorophenol	7.69	128	10816	19.14	ng/ul	94
11) 2-Methylphenol	8.59	108	10878	18.47	ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	8.61	45	12354	18.49	ng/ul#	74
14) Acetophenone	8.91	105	19033	18.81	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	10887	19.41	ng/ul#	96
16) 4-Methylphenol	8.92	108	12200	18.26	ng/ul	95
17) Hexachloroethane	9.16	117	4641	19.57	ng/ul	90
20) Nitrobenzene	9.29	77	15127	19.07	ng/ul	94
21) Isophorone	9.81	82	29266	19.14	ng/ul	95
23) 2-Nitrophenol	10.01	139	7137	20.14	ng/ul	98
24) 2,4-Dimethylphenol	10.09	107	15298	19.13	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	15372	19.30	ng/ul#	98
27) 2,4-Dichlorophenol	10.61	162	11542	19.37	ng/ul	92
28) Naphthalene	10.94	128	38273	19.29	ng/ul	99
30) 4-Chloroaniline	11.06	127	16559	21.04	ng/ul	100
31) Hexachlorobutadiene	11.22	225	8470	19.31	ng/ul	93
32) Caprolactam	11.80	113	4352m	19.45	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	14142	19.44	ng/ul#	85
34) 2-Methylnaphthalene	12.53	142	29087	19.75	ng/ul	96

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35) 1-Methylnaphthalene	12.76	142	28089	19.66	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.90	216	16795	19.56	ng/ul	91
38) Hexachlorocyclopentadiene	12.87	237	3903	12.41	ng/ul#	97
39) 2,4,6-Trichlorophenol	13.16	196	9906	19.62	ng/ul	97
40) 2,4,5-Trichlorophenol	13.31	196	10850	19.69	ng/ul	96
41) 1,1'-Biphenyl	13.53	154	38918	19.39	ng/ul	94
42) 2-Chloronaphthalene	13.58	162	31175	19.86	ng/ul	95
43) 2-Nitroaniline	13.80	65	10900	19.91	ng/ul#	85
45) Dimethylphthalate	14.15	163	42083	19.83	ng/ul	99
46) 2,6-Dinitrotoluene	14.28	165	8687	20.06	ng/ul	97
48) Acenaphthylene	14.42	152	49211	19.73	ng/ul	98
49) 3-Nitroaniline	14.62	138	8233	20.55	ng/ul	80
50) Acenaphthene	14.76	153	34166	19.85	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	3655	16.75	ng/ul#	80
53) 4-Nitrophenol	15.09	109	6256	18.47	ng/ul#	1
54) Dibenzofuran	15.09	168	48168	19.98	ng/ul	94
55) 2,4-Dinitrotoluene	15.06	165	13032	20.52	ng/ul#	91
56) 2,3,4,6-Tetrachlorophenol	15.34	232	7962	19.76	ng/ul	98
57) Diethylphthalate	15.50	149	45557	20.08	ng/ul	99
59) Fluorene	15.74	166	41055	19.48	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	22599	20.42	ng/ul	97
61) 4-Nitroaniline	15.78	138	8192	19.51	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.82	198	7851	18.09	ng/ul	93
65) N-Nitrosodiphenylamine	15.95	169	37213	19.30	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	13988	19.24	ng/ul	92
67) Hexachlorobenzene	16.74	284	14902	19.44	ng/ul	93
68) Atrazine	16.89	200	14953	19.23	ng/ul	98
69) Pentachlorophenol	17.11	266	3061	15.10	ng/ul	89
70) Phenanthrene	17.48	178	67013	19.02	ng/ul	99
72) Anthracene	17.57	178	67960	18.95	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	16183	18.57	ng/uL	97
74) Pentachlorobenzene	15.01	250	17200	19.02	ng/uL	94
75) Carbazole	17.84	167	59046	19.03	ng/ul	96
76) Di-n-butylphthalate	18.38	149	75694	18.91	ng/ul	99
77) Fluoranthene	19.48	202	80854	19.01	ng/ul#	94
80) Pyrene	19.84	202	84563	19.09	ng/ul#	94
81) Butylbenzylphthalate	20.71	149	35297	18.87	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.59	252	31470	20.41	ng/ul#	95
83) Benzo(a)anthracene	21.67	228	86672	19.31	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.56	149	51607	18.86	ng/ul	98
85) Chrysene	21.75	228	82785	19.48	ng/ul	99
87) Di-n-octyl phthalate	22.77	149	90633	18.66	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	88750	19.31	ng/ul	99
89) Benzo(k)fluoranthene	23.96	252	87781m	19.44	ng/ul	
91) Benzo(a)pyrene	24.77	252	86422	19.37	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	97267	19.18	ng/ul#	93
93) Dibenzo(a,h)anthracene	28.67	278	83515	19.36	ng/ul	95
94) Benzo(g,h,i)perylene	29.76	276	80603	19.33	ng/ul	97

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

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