Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030516\
Data File : BG021329.D
Acq On : 6 Mar 2016 6:59
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02016

Manual Integrations APPROVED
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3/7/2016 12:34:37 PM

Quant Time: Mar 07 06:45:03 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 07 04:51:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	10505	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	52117	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	31256	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	72422m	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	77486	20.00	ng/ul	0.00
86) Perylene-d12	24.98	264	70334	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1936	7.48	ng/uL	0.00
5) Phenol-d5	7.27	99	22049	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	14764	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	15819	20.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	17739	20.19	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8150	19.30	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	8393	18.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	15220	18.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	20104	19.71	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	49926	19.06	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	63996	19.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9361	18.34	ng/ul	0.00
58) Fluorene-d10	15.72	176	44795	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	8821	16.97	ng/ul	0.00
71) Anthracene-d10	17.57	188	69526	19.30	ng/ul	0.00
79) Pyrene-d10	19.84	212	75103	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	72188	19.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2304	7.46	ng/uL	90
4) Benzaldehyde	7.26	77	10339	13.81	ng/ul	94
6) Phenol	7.30	94	23835	19.86	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.54	93	17488	19.76	ng/ul	97
10) 2-Chlorophenol	7.69	128	16378	19.60	ng/ul	94
11) 2-Methylphenol	8.56	108	17820	20.10	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.65	45	28232	21.05	ng/ul#	96
14) Acetophenone	8.95	105	29617	19.97	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.93	70	18316	19.89	ng/ul#	97
16) 4-Methylphenol	8.89	108	19403	19.63	ng/ul	98
17) Hexachloroethane	9.21	117	7167	19.71	ng/ul	94
20) Nitrobenzene	9.33	77	26975	20.13	ng/ul	100
21) Isophorone	9.85	82	47892	19.30	ng/ul#	96
23) 2-Nitrophenol	10.04	139	9770	19.00	ng/ul	91
24) 2,4-Dimethylphenol	10.09	107	23424	19.46	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.33	93	25149	19.34	ng/ul	96
27) 2,4-Dichlorophenol	10.57	162	16205	19.26	ng/ul	93
28) Naphthalene	10.98	128	55906	19.12	ng/ul	99
30) 4-Chloroaniline	11.09	127	21738	19.53	ng/ul	98
31) Hexachlorobutadiene	11.26	225	10901	19.40	ng/ul	96
32) Caprolactam	11.84	113	6161	18.99	ng/ul	97
33) 4-Chloro-3-methylphenol	12.19	107	22408	19.96	ng/ul	97
34) 2-Methylnaphthalene	12.58	142	40742	19.25	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	38103	19.22	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	20719	19.40	ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	11726	16.34	ng/ul	99
39) 2,4,6-Trichlorophenol	13.17	196	14687	20.27	ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	15267	19.63	ng/ul	93
41) 1,1'-Biphenyl	13.57	154	52580	19.37	ng/ul	98
42) 2-Chloronaphthalene	13.62	162	40910	19.77	ng/ul	97
43) 2-Nitroaniline	13.82	65	18149	20.39	ng/ul	93
45) Dimethylphthalate	14.18	163	52711	18.70	ng/ul#	98
46) 2,6-Dinitrotoluene	14.30	165	11339	19.68	ng/ul	98
48) Acenaphthylene	14.46	152	67066	19.86	ng/ul	100
49) 3-Nitroaniline	14.64	138	10138	17.56	ng/ul#	86
50) Acenaphthene	14.80	153	46460	20.05	ng/ul	97
51) 2,4-Dinitrophenol	14.84	184	6271	15.82	ng/ul	93
53) 4-Nitrophenol	14.93	109	11720	18.98	ng/ul	93
54) Dibenzofuran	15.13	168	61539	19.54	ng/ul	97
55) 2,4-Dinitrotoluene	15.09	165	16578	19.41	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13334	19.36	ng/ul#	97
57) Diethylphthalate	15.54	149	58023	18.74	ng/ul	99
59) Fluorene	15.78	166	53906	19.65	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.77	204	25972	18.86	ng/ul	100
61) 4-Nitroaniline	15.79	138	10269	14.93	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.85	198	10049	17.88	ng/ul	97
65) N-Nitrosodiphenylamine	15.98	169	46653	19.54	ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	15246	18.87	ng/ul	97
67) Hexachlorobenzene	16.78	284	16356	20.61	ng/ul	99
68) Atrazine	16.92	200	17388	19.25	ng/ul	93
69) Pentachlorophenol	17.11	266	9750	17.88	ng/ul	90
70) Phenanthrene	17.51	178	83064m	19.06	ng/ul	
72) Anthracene	17.61	178	85624	19.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	19775	20.14	ng/uL	91
74) Pentachlorobenzene	15.05	250	19545	20.01	ng/uL	94
75) Carbazole	17.87	167	74254	19.31	ng/ul	98
76) Di-n-butylphthalate	18.42	149	99801	19.17	ng/ul	99
77) Fluoranthene	19.51	202	96146	18.86	ng/ul	97
80) Pyrene	19.87	202	98802	19.03	ng/ul#	95
81) Butylbenzylphthalate	20.74	149	46059	19.55	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.62	252	30403	17.75	ng/ul	96
83) Benzo(a)anthracene	21.71	228	96590	19.23	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	68223	19.49	ng/ul	98
85) Chrysene	21.78	228	90337	19.27	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	117071	19.95	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	94882	19.49	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	90533	19.28	ng/ul	99
91) Benzo(a)pyrene	24.83	252	92027	19.58	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.68	276	99931	19.56	ng/ul	96
93) Dibenzo(a,h)anthracene	28.74	278	85184	19.31	ng/ul	96
94) Benzo(g,h,i)perylene	29.85	276	82356m	19.30	ng/ul	

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

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