Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG030416\
Data File : BG021299.D
Acq On : 5 Mar 2016 10:03
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02012

Quant Time: Mar 07 00:51:44 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 05 05:52:35 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	11652	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	54783	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	31637	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	73497	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	81471	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	75278	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	1987	6.93	ng/uL	0.00
5) Phenol-d5	7.28	99	23336	18.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.45	67	15577	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	16522	19.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.82	113	18212	18.69	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	8260	18.61	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	8796	18.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.55	165	16048	18.98	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	22156	20.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	50375	19.00	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	65173	19.75	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	9926	19.21	ng/ul	0.00
58) Fluorene-d10	15.72	176	45618	19.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	8935	16.94	ng/ul	0.00
71) Anthracene-d10	17.58	188	70449	19.27	ng/ul	0.00
79) Pyrene-d10	19.85	212	79289	19.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	77625	19.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	2520	7.35	ng/uL	97
4) Benzaldehyde	7.26	77	18872	22.73	ng/ul	92
6) Phenol	7.30	94	24743	18.59	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.54	93	18504	18.85	ng/ul	93
10) 2-Chlorophenol	7.69	128	17394	18.77	ng/ul	91
11) 2-Methylphenol	8.56	108	18781	19.10	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.66	45	29539	19.86	ng/ul	97
14) Acetophenone	8.95	105	30635	18.62	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.93	70	19386	18.98	ng/ul#	96
16) 4-Methylphenol	8.89	108	20220	18.44	ng/ul	98
17) Hexachloroethane	9.21	117	7681	19.04	ng/ul#	83
20) Nitrobenzene	9.33	77	27975	19.87	ng/ul	96
21) Isophorone	9.85	82	49559	19.00	ng/ul	99
23) 2-Nitrophenol	10.04	139	10467	19.37	ng/ul	96
24) 2,4-Dimethylphenol	10.09	107	24511	19.37	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.33	93	25956	18.99	ng/ul	99
27) 2,4-Dichlorophenol	10.58	162	16561	18.72	ng/ul	97
28) Naphthalene	10.98	128	59159	19.25	ng/ul	98
30) 4-Chloroaniline	11.09	127	24680	21.09	ng/ul	92
31) Hexachlorobutadiene	11.27	225	11108	18.80	ng/ul	96
32) Caprolactam	11.85	113	6084	17.84	ng/ul	94
33) 4-Chloro-3-methylphenol	12.19	107	22554	19.11	ng/ul	98
34) 2-Methylnaphthalene	12.58	142	41756	18.77	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	40707	19.53 ng/ul#	94
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	21149	19.57 ng/ul	94
38) Hexachlorocyclopentadiene	12.92	237	12845	17.68 ng/ul	93
39) 2,4,6-Trichlorophenol	13.17	196	14434	19.68 ng/ul	95
40) 2,4,5-Trichlorophenol	13.25	196	15536	19.74 ng/ul	84
41) 1,1'-Biphenyl	13.57	154	52712	19.18 ng/ul	98
42) 2-Chloronaphthalene	13.62	162	41328	19.73 ng/ul	99
43) 2-Nitroaniline	13.82	65	18156	20.15 ng/ul	93
45) Dimethylphthalate	14.19	163	53292	18.68 ng/ul	99
46) 2,6-Dinitrotoluene	14.31	165	11413	19.57 ng/ul	90
48) Acenaphthylene	14.46	152	66775	19.54 ng/ul	99
49) 3-Nitroaniline	14.64	138	11853	20.28 ng/ul#	97
50) Acenaphthene	14.80	153	46110	19.66 ng/ul	98
51) 2,4-Dinitrophenol	14.84	184	6488	16.17 ng/ul	93
53) 4-Nitrophenol	14.93	109	12040	19.26 ng/ul	94
54) Dibenzofuran	15.13	168	61738	19.36 ng/ul	99
55) 2,4-Dinitrotoluene	15.09	165	17003	19.67 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.35	232	13071	18.75 ng/ul	95
57) Diethylphthalate	15.54	149	58401	18.63 ng/ul	97
59) Fluorene	15.78	166	53777	19.37 ng/ul	95
60) 4-Chlorophenyl-phenylether	15.77	204	26123	18.74 ng/ul	98
61) 4-Nitroaniline	15.80	138	13198	18.96 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.85	198	10153	17.80 ng/ul	93
65) N-Nitrosodiphenylamine	15.98	169	47518	19.61 ng/ul	99
66) 4-Bromophenyl-phenylether	16.66	248	15581	19.00 ng/ul	98
67) Hexachlorobenzene	16.78	284	15922	19.77 ng/ul	95
68) Atrazine	16.92	200	17820	19.44 ng/ul	96
69) Pentachlorophenol	17.12	266	9668	17.47 ng/ul#	85
70) Phenanthrene	17.52	178	85201	19.27 ng/ul	98
72) Anthracene	17.60	178	87495	19.59 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	19770	19.84 ng/uL#	92
74) Pentachlorobenzene	15.05	250	19073	19.24 ng/uL	97
75) Carbazole	17.87	167	75579	19.36 ng/ul	98
76) Di-n-butylphthalate	18.42	149	102638	19.42 ng/ul	99
77) Fluoranthene	19.51	202	99958	19.32 ng/ul	98
80) Pyrene	19.87	202	105490	19.32 ng/ul	99
81) Butylbenzylphthalate	20.75	149	47329	19.11 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.63	252	36548	20.29 ng/ul	97
83) Benzo(a)anthracene	21.72	228	103406	19.58 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.61	149	70870	19.26 ng/ul	98
85) Chrysene	21.78	228	95192	19.31 ng/ul	100
87) Di-n-octyl phthalate	22.83	149	120072	19.12 ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	101561	19.49 ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	96368	19.17 ng/ul	100
91) Benzo(a)pyrene	24.84	252	98345	19.55 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.70	276	107366	19.64 ng/ul	96
93) Dibenzo(a,h)anthracene	28.77	278	91566	19.39 ng/ul	95
94) Benzo(g,h,i)perylene	29.87	276	86733	18.99 ng/ul#	96

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

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