Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020916\
Data File : BG020831.D
Acq On : 9 Feb 2016 23:58
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02023

Quant Time: Feb 10 00:41:32 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 10 00:34:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	22882	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	118069	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	68689	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	136291	20.00	ng/ul	0.00
78) Chrysene-d12	21.91	240	121199	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	113068	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	3258	6.91	ng/uL	0.00
5) Phenol-d5	7.41	99	43753	18.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23362	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	35602	19.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	37830	18.77	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	18307	19.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19103	20.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	36300	20.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	52706	21.82	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	109015	18.44	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	143562	19.88	ng/ul	0.00
52) 4-Nitrophenol-d4	15.06	143	21364	18.05	ng/ul	0.01
58) Fluorene-d10	15.87	176	95230	18.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.98	200	11085	16.78	ng/ul	0.00
71) Anthracene-d10	17.72	188	132230	19.64	ng/ul	0.00
79) Pyrene-d10	19.99	212	126539	20.31	ng/ul	0.01
90) Benzo(a)pyrene-d12	25.06	264	122725	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	3999	7.01	ng/uL	94
4) Benzaldehyde	7.40	77	27931	21.80	ng/ul	98
6) Phenol	7.44	94	46580	18.98	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.68	93	35465	18.86	ng/ul	98
10) 2-Chlorophenol	7.83	128	36763	19.72	ng/ul	98
11) 2-Methylphenol	8.70	108	36887	19.00	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.80	45	37390	19.15	ng/ul	99
14) Acetophenone	9.10	105	58284	19.13	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.08	70	28224	18.31	ng/ul	94
16) 4-Methylphenol	9.03	108	41390	19.22	ng/ul	96
17) Hexachloroethane	9.37	117	13560	19.50	ng/ul	97
20) Nitrobenzene	9.48	77	38861	19.56	ng/ul	98
21) Isophorone	10.01	82	80009	18.01	ng/ul	99
23) 2-Nitrophenol	10.20	139	21654	19.62	ng/ul	96
24) 2,4-Dimethylphenol	10.25	107	42325	19.17	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.49	93	52711	18.70	ng/ul	97
27) 2,4-Dichlorophenol	10.74	162	38096	20.02	ng/ul	98
28) Naphthalene	11.15	128	130522	19.91	ng/ul	99
30) 4-Chloroaniline	11.25	127	55220	21.63	ng/ul	96
31) Hexachlorobutadiene	11.43	225	18043	19.89	ng/ul	99
32) Caprolactam	12.00	113	13601	17.63	ng/ul	95
33) 4-Chloro-3-methylphenol	12.35	107	42214	18.99	ng/ul	96
34) 2-Methylnaphthalene	12.74	142	97520	19.65	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.95	142	91672	19.50	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.09	216	41595	21.24	ng/ul	98
38) Hexachlorocyclopentadiene	13.08	237	18416	17.24	ng/ul	92
39) 2,4,6-Trichlorophenol	13.32	196	28807	20.34	ng/ul	99
40) 2,4,5-Trichlorophenol	13.39	196	31128	19.86	ng/ul	100
41) 1,1'-Biphenyl	13.72	154	123404	20.30	ng/ul	100
42) 2-Chloronaphthalene	13.77	162	92741	20.69	ng/ul	99
43) 2-Nitroaniline	13.96	65	22757	18.67	ng/ul	98
45) Dimethylphthalate	14.33	163	112364	18.26	ng/ul	98
46) 2,6-Dinitrotoluene	14.45	165	23109	19.11	ng/ul	99
48) Acenaphthylene	14.61	152	159144	20.09	ng/ul	98
49) 3-Nitroaniline	14.78	138	27961	20.51	ng/ul	98
50) Acenaphthene	14.95	153	109163	19.73	ng/ul	97
51) 2,4-Dinitrophenol	14.98	184	6638	14.01	ng/ul	96
53) 4-Nitrophenol	15.07	109	11765	17.45	ng/ul	92
54) Dibenzofuran	15.28	168	141335	19.67	ng/ul	98
55) 2,4-Dinitrotoluene	15.23	165	30903	18.42	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.50	232	24675	18.16	ng/ul	95
57) Diethylphthalate	15.69	149	116509	17.96	ng/ul	99
59) Fluorene	15.93	166	119332	19.09	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.91	204	50939	19.08	ng/ul	98
61) 4-Nitroaniline	15.94	138	29418	19.06	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.99	198	12846	17.29	ng/ul	98
65) N-Nitrosodiphenylamine	16.13	169	96091	20.54	ng/ul	98
66) 4-Bromophenyl-phenylether	16.81	248	29512	20.16	ng/ul	96
67) Hexachlorobenzene	16.93	284	32975	20.45	ng/ul	99
68) Atrazine	17.06	200	30435	20.09	ng/ul	96
69) Pentachlorophenol	17.27	266	17302	18.24	ng/ul	95
70) Phenanthrene	17.67	178	170573	19.86	ng/ul	99
72) Anthracene	17.76	178	170792	19.76	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.69	216	39337	23.27	ng/uL	99
74) Pentachlorobenzene	15.20	250	37566	21.84	ng/uL	96
75) Carbazole	18.02	167	152248	20.05	ng/ul	97
76) Di-n-butylphthalate	18.56	149	193859	19.85	ng/ul	100
77) Fluoranthene	19.66	202	175428	19.74	ng/ul	97
80) Pyrene	20.02	202	179240	20.48	ng/ul	100
81) Butylbenzylphthalate	20.88	149	83122	20.46	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.79	252	53577	20.54	ng/ul	97
83) Benzo(a)anthracene	21.89	228	156373	19.79	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.77	149	122981	19.97	ng/ul	98
85) Chrysene	21.96	228	143448	19.70	ng/ul	98
87) Di-n-octyl phthalate	23.05	149	202354	19.86	ng/ul	100
88) Benzo(b)fluoranthene	24.22	252	150814	19.58	ng/ul	98
89) Benzo(k)fluoranthene	24.29	252	142467	19.37	ng/ul	99
91) Benzo(a)pyrene	25.14	252	141597	19.43	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.18	276	168357	20.04	ng/ul	99
93) Dibenzo(a,h)anthracene	29.25	278	136985	19.89	ng/ul	95
94) Benzo(g,h,i)perylene	30.39	276	136432	19.85	ng/ul	97

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

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