Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020465.D
Acq On : 24 Dec 2015 5:24
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02022

Quant Time: Dec 24 16:23:44 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	15261	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	66033	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	47221	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	127294	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164545	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	158559	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	2330	8.43	ng/uL	0.00
5) Phenol-d5	7.24	99	26639	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	16309	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	21863	22.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	23558	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	11351	22.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	12897	22.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	25296	21.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	30053	23.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	85507	22.39	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	99169	22.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	14339	20.93	ng/ul	0.00
58) Fluorene-d10	15.70	176	75964	21.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	17764	23.54	ng/ul	0.00
71) Anthracene-d10	17.56	188	130531	22.25	ng/ul	0.00
79) Pyrene-d10	19.84	212	157578	20.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	175163	22.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	3265	8.00	ng/uL	95
4) Benzaldehyde	7.21	77	18018	20.68	ng/ul	96
6) Phenol	7.27	94	29099	20.19	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.49	93	20781	21.02	ng/ul	98
10) 2-Chlorophenol	7.64	128	22424	21.88	ng/ul	98
11) 2-Methylphenol	8.52	108	21983	20.00	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.61	45	28607	20.09	ng/ul	97
14) Acetophenone	8.90	105	37982	21.08	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.88	70	19738	20.69	ng/ul	99
16) 4-Methylphenol	8.85	108	24917	20.48	ng/ul	99
17) Hexachloroethane	9.17	117	9491	22.03	ng/ul	92
20) Nitrobenzene	9.29	77	28711	21.05	ng/ul	99
21) Isophorone	9.81	82	54820	21.05	ng/ul	97
23) 2-Nitrophenol	10.01	139	13927	22.68	ng/ul	98
24) 2,4-Dimethylphenol	10.06	107	29287	21.00	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.29	93	29466	20.89	ng/ul	97
27) 2,4-Dichlorophenol	10.54	162	26246	22.02	ng/ul	94
28) Naphthalene	10.95	128	78299	22.71	ng/ul	99
30) 4-Chloroaniline	11.05	127	30008	22.56	ng/ul	98
31) Hexachlorobutadiene	11.22	225	21113	23.77	ng/ul	98
32) Caprolactam	11.81	113	8140	19.35	ng/ul	92
33) 4-Chloro-3-methylphenol	12.17	107	27856	19.67	ng/ul	90
34) 2-Methylnaphthalene	12.54	142	57951	22.00	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	54946	21.70	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	41547	23.44	ng/ul	97
38) Hexachlorocyclopentadiene	12.88	237	20523	18.73	ng/ul	93
39) 2,4,6-Trichlorophenol	13.15	196	24733	21.76	ng/ul	95
40) 2,4,5-Trichlorophenol	13.23	196	26531	21.00	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	80918	22.71	ng/ul#	94
42) 2-Chloronaphthalene	13.59	162	63808	22.37	ng/ul	99
43) 2-Nitroaniline	13.80	65	18312	18.88	ng/ul	89
45) Dimethylphthalate	14.16	163	88136	22.59	ng/ul	100
46) 2,6-Dinitrotoluene	14.28	165	18167	22.51	ng/ul	96
48) Acenaphthylene	14.44	152	105480	22.34	ng/ul	99
49) 3-Nitroaniline	14.62	138	16632	21.23	ng/ul	89
50) Acenaphthene	14.78	153	70868	22.31	ng/ul	98
51) 2,4-Dinitrophenol	14.82	184	10587	23.05	ng/ul	92
53) 4-Nitrophenol	14.93	109	13069	19.83	ng/ul	93
54) Dibenzofuran	15.11	168	104813	22.18	ng/ul	98
55) 2,4-Dinitrotoluene	15.07	165	27206	22.97	ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.33	232	26925	22.16	ng/ul	94
57) Diethylphthalate	15.52	149	90222	22.29	ng/ul	97
59) Fluorene	15.76	166	85661	22.57	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.75	204	50153	23.44	ng/ul	95
61) 4-Nitroaniline	15.78	138	17976	21.22	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.83	198	18323	22.62	ng/ul#	97
65) N-Nitrosodiphenylamine	15.96	169	76991	21.75	ng/ul	98
66) 4-Bromophenyl-phenylether	16.64	248	33493	22.42	ng/ul	95
67) Hexachlorobenzene	16.76	284	37633	23.45	ng/ul#	86
68) Atrazine	16.90	200	34197	22.65	ng/ul	97
69) Pentachlorophenol	17.10	266	19732	20.39	ng/ul	98
70) Phenanthrene	17.50	178	154063	22.13	ng/ul	99
72) Anthracene	17.59	178	156370	22.14	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	44629	22.38	ng/uL	97
74) Pentachlorobenzene	15.03	250	41575	22.48	ng/uL	92
75) Carbazole	17.86	167	135471	22.83	ng/ul	99
76) Di-n-butylphthalate	18.41	149	158075	22.93	ng/ul	99
77) Fluoranthene	19.51	202	200035	24.58	ng/ul	96
80) Pyrene	19.86	202	203958	20.48	ng/ul	98
81) Butylbenzylphthalate	20.74	149	73491	21.23	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.62	252	73392	24.41	ng/ul	96
83) Benzo(a)anthracene	21.71	228	213589	22.25	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	103787	20.98	ng/ul	98
85) Chrysene	21.78	228	199758	22.09	ng/ul	99
87) Di-n-octyl phthalate	22.82	149	181366	20.82	ng/ul	100
88) Benzo(b)fluoranthene	23.95	252	211939	22.21	ng/ul	99
89) Benzo(k)fluoranthene	24.02	252	201908	22.05	ng/ul	98
91) Benzo(a)pyrene	24.84	252	202515	22.39	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.71	276	239186	22.20	ng/ul	98
93) Dibenzo(a,h)anthracene	28.78	278	201843	22.57	ng/ul	97
94) Benzo(g,h,i)perylene	29.88	276	198681	22.50	ng/ul	99

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

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