Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121515\
Data File : BG020171.D
Acq On : 15 Dec 2015 2:52
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02034

Quant Time: Dec 15 04:30:58 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 04:25:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	22855	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	106574	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	77337	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	197888	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	214348	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	202572	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	3376	8.16	ng/uL	0.00
5) Phenol-d5	7.25	99	41797	20.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.42	67	25036	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	29937	20.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	36716	21.30	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	16704	20.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	19074	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.54	165	38667	20.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	45567	21.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	129286	20.67	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	152605	20.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	21936	19.55	ng/ul	0.00
58) Fluorene-d10	15.72	176	115496	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	23322	19.88	ng/ul	0.00
71) Anthracene-d10	17.57	188	186297	20.43	ng/ul	0.00
79) Pyrene-d10	19.85	212	204837	20.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	209594	20.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	4408	7.21	ng/uL	92
4) Benzaldehyde	7.23	77	29298	22.46	ng/ul	97
6) Phenol	7.27	94	44648	20.69	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.52	93	30263	20.44	ng/ul	96
10) 2-Chlorophenol	7.66	128	31994	20.84	ng/ul	94
11) 2-Methylphenol	8.54	108	33836	20.55	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.63	45	44374	20.81	ng/ul	99
14) Acetophenone	8.93	105	56607	20.98	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.91	70	30486	21.34	ng/ul	95
16) 4-Methylphenol	8.87	108	38184	20.95	ng/ul	95
17) Hexachloroethane	9.20	117	12940	20.06	ng/ul	97
20) Nitrobenzene	9.31	77	44227	20.09	ng/ul	94
21) Isophorone	9.83	82	85051	20.24	ng/ul	98
23) 2-Nitrophenol	10.02	139	20938	21.12	ng/ul	97
24) 2,4-Dimethylphenol	10.08	107	46477	20.65	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.31	93	45807	20.12	ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	39606	20.59	ng/ul	97
28) Naphthalene	10.97	128	113700	20.43	ng/ul	99
30) 4-Chloroaniline	11.07	127	45352	21.12	ng/ul	98
31) Hexachlorobutadiene	11.25	225	29669	20.69	ng/ul	93
32) Caprolactam	11.83	113	13638	20.09	ng/ul	97
33) 4-Chloro-3-methylphenol	12.19	107	46158	20.19	ng/ul	89
34) 2-Methylnaphthalene	12.57	142	87487	20.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.79	142	83359	20.40	ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	60647	20.90	ng/ul	98
38) Hexachlorocyclopentadiene	12.91	237	34700	19.34	ng/ul	99
39) 2,4,6-Trichlorophenol	13.17	196	39391	21.16	ng/ul	98
40) 2,4,5-Trichlorophenol	13.24	196	42745	20.65	ng/ul	97
41) 1,1'-Biphenyl	13.57	154	121721	20.86	ng/ul	97
42) 2-Chloronaphthalene	13.61	162	96848	20.73	ng/ul	99
43) 2-Nitroaniline	13.81	65	33117	20.85	ng/ul	96
45) Dimethylphthalate	14.18	163	131733	20.62	ng/ul	98
46) 2,6-Dinitrotoluene	14.30	165	27383	20.72	ng/ul	98
48) Acenaphthylene	14.45	152	160854	20.80	ng/ul	99
49) 3-Nitroaniline	14.63	138	27589	21.50	ng/ul	92
50) Acenaphthene	14.79	153	107458	20.66	ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	13713	18.23	ng/ul	96
53) 4-Nitrophenol	14.93	109	22067	20.45	ng/ul	94
54) Dibenzofuran	15.13	168	160317	20.72	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	41913	21.61	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.35	232	41342	20.78	ng/ul	96
57) Diethylphthalate	15.54	149	136110	20.53	ng/ul	99
59) Fluorene	15.78	166	127947	20.59	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	71343	20.36	ng/ul	98
61) 4-Nitroaniline	15.79	138	28023	20.20	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.85	198	24980	19.84	ng/ul	97
65) N-Nitrosodiphenylamine	15.98	169	114408	20.79	ng/ul	98
66) 4-Bromophenyl-phenylether	16.66	248	49327	21.24	ng/ul	98
67) Hexachlorobenzene	16.77	284	53656	21.51	ng/ul	91
68) Atrazine	16.92	200	49207	20.97	ng/ul	98
69) Pentachlorophenol	17.12	266	28380	18.87	ng/ul	94
70) Phenanthrene	17.52	178	222478	20.55	ng/ul	99
72) Anthracene	17.61	178	226316	20.61	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	66019	21.30	ng/uL	96
74) Pentachlorobenzene	15.05	250	60520	21.05	ng/uL	93
75) Carbazole	17.87	167	192484	20.87	ng/ul	100
76) Di-n-butylphthalate	18.42	149	220999	20.62	ng/ul	99
77) Fluoranthene	19.52	202	269212	21.28	ng/ul	98
80) Pyrene	19.88	202	267186	20.60	ng/ul	99
81) Butylbenzylphthalate	20.76	149	94483	20.96	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.64	252	85758	21.90	ng/ul	96
83) Benzo(a)anthracene	21.73	228	262004	20.95	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.62	149	137270	21.30	ng/ul	99
85) Chrysene	21.79	228	246027	20.89	ng/ul	99
87) Di-n-octyl phthalate	22.85	149	235196	21.13	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	249791	20.49	ng/ul	98
89) Benzo(k)fluoranthene	24.04	252	246269	21.05	ng/ul	99
91) Benzo(a)pyrene	24.87	252	242690	21.00	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.76	276	288166	20.94	ng/ul	96
93) Dibenzo(a,h)anthracene	28.83	278	239784	20.99	ng/ul	98
94) Benzo(g,h,i)perylene	29.92	276	236353	20.95	ng/ul	99

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

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