Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122015\
Data File : BG020365.D
Acq On : 21 Dec 2015 5:46
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02013

Quant Time: Dec 21 07:42:48 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 01:58:00 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	29011	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	124968	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	87840	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	215926	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	266885	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	252011	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	4022	7.65	ng/uL	0.00
5) Phenol-d5	7.25	99	51794	20.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	30233	19.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	40600	21.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	43885	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	21027	21.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	25125	23.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	48278	21.99	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	56208	22.79	ng/ul	0.00
44) Dimethylphthalate-d6	14.13	166	146914	20.68	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	175747	21.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	23123	18.15	ng/ul	0.00
58) Fluorene-d10	15.71	176	132814	20.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	25442	19.88	ng/ul	0.00
71) Anthracene-d10	17.57	188	211537	21.26	ng/ul	0.00
79) Pyrene-d10	19.85	212	248829	20.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	278307	22.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	4878	6.28	ng/uL	96
4) Benzaldehyde	7.22	77	33030	19.94	ng/ul	93
6) Phenol	7.28	94	54625	19.94	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	38635	20.56	ng/ul	98
10) 2-Chlorophenol	7.66	128	41878	21.49	ng/ul	98
11) 2-Methylphenol	8.54	108	41568	19.89	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.62	45	49885	18.43	ng/ul	98
14) Acetophenone	8.92	105	68908	20.12	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.90	70	34693	19.13	ng/ul	99
16) 4-Methylphenol	8.87	108	46342	20.03	ng/ul	97
17) Hexachloroethane	9.18	117	16959	20.71	ng/ul	99
20) Nitrobenzene	9.30	77	52401	20.30	ng/ul	97
21) Isophorone	9.83	82	96943	19.67	ng/ul	99
23) 2-Nitrophenol	10.02	139	25834	22.23	ng/ul	96
24) 2,4-Dimethylphenol	10.07	107	54669	20.71	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.30	93	55358	20.74	ng/ul	96
27) 2,4-Dichlorophenol	10.56	162	48868	21.67	ng/ul	93
28) Naphthalene	10.96	128	139395	21.36	ng/ul	98
30) 4-Chloroaniline	11.07	127	57120	22.69	ng/ul	98
31) Hexachlorobutadiene	11.24	225	37875	22.53	ng/ul	95
32) Caprolactam	11.84	113	14816	18.61	ng/ul	96
33) 4-Chloro-3-methylphenol	12.19	107	52053	19.42	ng/ul	91
34) 2-Methylnaphthalene	12.56	142	105280	21.12	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	98887	20.63 ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	12.92	216	75354	22.86 ng/ul	98
38) Hexachlorocyclopentadiene	12.90	237	31227	15.32 ng/ul	96
39) 2,4,6-Trichlorophenol	13.16	196	46421	21.95 ng/ul	96
40) 2,4,5-Trichlorophenol	13.24	196	48046	20.44 ng/ul	100
41) 1,1'-Biphenyl	13.56	154	145741	21.99 ng/ul	95
42) 2-Chloronaphthalene	13.60	162	115809	21.83 ng/ul	100
43) 2-Nitroaniline	13.81	65	34920	19.36 ng/ul	94
45) Dimethylphthalate	14.17	163	148712	20.49 ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	31494	20.98 ng/ul	96
48) Acenaphthylene	14.45	152	184205	20.97 ng/ul	99
49) 3-Nitroaniline	14.63	138	30322	20.81 ng/ul	90
50) Acenaphthene	14.79	153	123854	20.96 ng/ul	99
51) 2,4-Dinitrophenol	14.83	184	15164	17.75 ng/ul	96
53) 4-Nitrophenol	14.95	109	20847	17.01 ng/ul	92
54) Dibenzofuran	15.12	168	184349	20.97 ng/ul	100
55) 2,4-Dinitrotoluene	15.09	165	46164	20.95 ng/ul	90
56) 2,3,4,6-Tetrachlorophenol	15.35	232	45263	20.03 ng/ul	96
57) Diethylphthalate	15.53	149	150888	20.04 ng/ul	97
59) Fluorene	15.77	166	147065	20.83 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.76	204	84548	21.24 ng/ul	96
61) 4-Nitroaniline	15.79	138	32533	20.65 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.85	198	27836	20.26 ng/ul	92
65) N-Nitrosodiphenylamine	15.97	169	128154	21.35 ng/ul	97
66) 4-Bromophenyl-phenylether	16.65	248	57132	22.54 ng/ul	98
67) Hexachlorobenzene	16.77	284	61100	22.45 ng/ul#	88
68) Atrazine	16.92	200	55731	21.76 ng/ul	98
69) Pentachlorophenol	17.12	266	29487	17.97 ng/ul	97
70) Phenanthrene	17.51	178	246821	20.90 ng/ul	99
72) Anthracene	17.60	178	251858	21.02 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	79921	23.63 ng/uL	94
74) Pentachlorobenzene	15.04	250	73029	23.28 ng/uL	94
75) Carbazole	17.87	167	215661	21.43 ng/ul	100
76) Di-n-butylphthalate	18.42	149	250843	21.45 ng/ul	99
77) Fluoranthene	19.52	202	310675	22.51 ng/ul	98
80) Pyrene	19.88	202	317436	19.65 ng/ul	99
81) Butylbenzylphthalate	20.75	149	121192	21.59 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.64	252	108074	22.16 ng/ul	96
83) Benzo(a)anthracene	21.72	228	336431	21.60 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	169528	21.12 ng/ul	99
85) Chrysene	21.79	228	312970	21.34 ng/ul	98
87) Di-n-octyl phthalate	22.84	149	293183	21.17 ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	317309	20.92 ng/ul	96
89) Benzo(k)fluoranthene	24.05	252	318925	21.91 ng/ul	98
91) Benzo(a)pyrene	24.87	252	314679	21.89 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.76	276	356384	20.81 ng/ul	98
93) Dibenzo(a,h)anthracene	28.82	278	291281	20.49 ng/ul#	98
94) Benzo(g,h,i)perylene	29.93	276	282486	20.12 ng/ul	96

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

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