Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG121715\
Data File : BG020216.D
Acq On : 16 Dec 2015 8:28
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02039

Quant Time: Dec 17 00:32:24 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 16 03:45:51 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	27301	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	121607	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.73	164	92157	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	239456	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	268973	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	255738	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	3892	7.87	ng/uL	0.00
5) Phenol-d5	7.24	99	49392	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	28733	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	37311	21.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	41952	20.38	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	19915	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	23127	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	47261	22.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	55078	22.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	152088	20.40	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	178668	20.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	26401	19.75	ng/ul	0.00
58) Fluorene-d10	15.72	176	136357	20.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	29272	20.62	ng/ul	0.00
71) Anthracene-d10	17.57	188	222886	20.20	ng/ul	0.00
79) Pyrene-d10	19.85	212	252462	20.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	261419	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	4857	6.65	ng/uL	97
4) Benzaldehyde	7.23	77	34594	22.20	ng/ul	98
6) Phenol	7.27	94	53628	20.80	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.51	93	35826	20.25	ng/ul	98
10) 2-Chlorophenol	7.66	128	38738	21.13	ng/ul	97
11) 2-Methylphenol	8.54	108	41085	20.89	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.63	45	50468	19.81	ng/ul	100
14) Acetophenone	8.92	105	66419	20.60	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.90	70	34927	20.47	ng/ul	98
16) 4-Methylphenol	8.87	108	45796	21.04	ng/ul	98
17) Hexachloroethane	9.19	117	15578	20.21	ng/ul	95
20) Nitrobenzene	9.31	77	52186	20.77	ng/ul	98
21) Isophorone	9.83	82	97521	20.34	ng/ul	100
23) 2-Nitrophenol	10.02	139	24356	21.53	ng/ul	93
24) 2,4-Dimethylphenol	10.07	107	54613	21.26	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.31	93	53187	20.47	ng/ul	95
27) 2,4-Dichlorophenol	10.56	162	46968	21.40	ng/ul	96
28) Naphthalene	10.96	128	133736	21.06	ng/ul	97
30) 4-Chloroaniline	11.07	127	54361	22.19	ng/ul	98
31) Hexachlorobutadiene	11.25	225	34731	21.23	ng/ul	98
32) Caprolactam	11.83	113	16551	21.37	ng/ul	94
33) 4-Chloro-3-methylphenol	12.19	107	54241	20.80	ng/ul	94
34) 2-Methylnaphthalene	12.56	142	101151	20.85	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.78	142	96959	20.79	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.93	216	70585	20.41	ng/ul	95
38) Hexachlorocyclopentadiene	12.90	237	41164	19.25	ng/ul	99
39) 2,4,6-Trichlorophenol	13.16	196	45358	20.45	ng/ul	96
40) 2,4,5-Trichlorophenol	13.24	196	50619	20.53	ng/ul	94
41) 1,1'-Biphenyl	13.56	154	139729	20.10	ng/ul	100
42) 2-Chloronaphthalene	13.61	162	112804	20.27	ng/ul	98
43) 2-Nitroaniline	13.81	65	39041	20.63	ng/ul	96
45) Dimethylphthalate	14.17	163	153851	20.21	ng/ul	98
46) 2,6-Dinitrotoluene	14.29	165	33256	21.12	ng/ul	98
48) Acenaphthylene	14.45	152	189858	20.61	ng/ul	99
49) 3-Nitroaniline	14.62	138	33202	21.72	ng/ul	94
50) Acenaphthene	14.79	153	124876	20.14	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	19169	21.39	ng/ul	97
53) 4-Nitrophenol	14.93	109	25003	19.44	ng/ul	95
54) Dibenzofuran	15.12	168	190123	20.62	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	48211	20.86	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.35	232	50408	21.26	ng/ul	97
57) Diethylphthalate	15.53	149	159834	20.23	ng/ul	99
59) Fluorene	15.77	166	152282	20.56	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.76	204	86542	20.72	ng/ul	98
61) 4-Nitroaniline	15.79	138	35340	21.38	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.85	198	30973	20.32	ng/ul	96
65) N-Nitrosodiphenylamine	15.98	169	136217	20.46	ng/ul	99
66) 4-Bromophenyl-phenylether	16.66	248	58518	20.82	ng/ul	95
67) Hexachlorobenzene	16.77	284	63427	21.01	ng/ul	91
68) Atrazine	16.92	200	58820	20.71	ng/ul	97
69) Pentachlorophenol	17.12	266	36844	20.24	ng/ul	97
70) Phenanthrene	17.51	178	265508	20.27	ng/ul	100
72) Anthracene	17.60	178	271317	20.42	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.53	216	77870	20.76	ng/uL	97
74) Pentachlorobenzene	15.04	250	72824	20.93	ng/uL	98
75) Carbazole	17.87	167	231252	20.72	ng/ul	100
76) Di-n-butylphthalate	18.42	149	263733	20.33	ng/ul	99
77) Fluoranthene	19.51	202	321611	21.01	ng/ul	99
80) Pyrene	19.88	202	323847	19.89	ng/ul	99
81) Butylbenzylphthalate	20.75	149	115560	20.43	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.63	252	102769	20.91	ng/ul	99
83) Benzo(a)anthracene	21.72	228	321980	20.52	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.62	149	164768	20.37	ng/ul	98
85) Chrysene	21.79	228	297669	20.14	ng/ul	98
87) Di-n-octyl phthalate	22.84	149	281692	20.05	ng/ul	100
88) Benzo(b)fluoranthene	23.97	252	311073	20.21	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	297199	20.12	ng/ul	97
91) Benzo(a)pyrene	24.85	252	296724	20.34	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.74	276	354547	20.40	ng/ul	97
93) Dibenzo(a,h)anthracene	28.80	278	290984	20.17	ng/ul	97
94) Benzo(g,h,i)perylene	29.90	276	286515	20.11	ng/ul	99

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

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