Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
Data File : BG019354.D
Acq On : 25 Oct 2015 2:41
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Oct 25 03:32:36 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 25 03:28:11 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	47438	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	193320	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	141806	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	363542	20.00	ng/ul	0.00
78) Chrysene-d12	21.89	240	423860	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	397433	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	7140	8.36	ng/uL	0.00
5) Phenol-d5	7.39	99	91049	21.81	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	55259	22.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	59934	22.24	ng/ul	0.01
13) 4-Methylphenol-d8	8.95	113	72708	22.34	ng/ul	0.02
19) Nitrobenzene-d5	9.41	128	29676	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	36579	21.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	77839	21.28	ng/ul	0.01
29) 4-Chloroaniline-d4	11.20	131	82580	22.73	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	228696	19.45	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	271528	20.87	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	41180	21.54	ng/ul	0.02
58) Fluorene-d10	15.85	176	218129	19.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	47334	19.78	ng/ul	0.01
71) Anthracene-d10	17.70	188	350107	21.03	ng/ul	0.00
79) Pyrene-d10	19.97	212	372134	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	414815	20.46	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	8187	8.55	ng/uL#	79
4) Benzaldehyde	7.37	77	66596	25.71	ng/ul	95
6) Phenol	7.42	94	99433	22.67	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.65	93	64094	21.49	ng/ul	93
10) 2-Chlorophenol	7.81	128	59939	21.88	ng/ul	97
11) 2-Methylphenol	8.68	108	71285	20.98	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.78	45	53139	24.21	ng/ul	99
14) Acetophenone	9.07	105	115222	21.07	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.05	70	69382	20.65	ng/ul#	89
16) 4-Methylphenol	9.01	108	77896	21.62	ng/ul	91
17) Hexachloroethane	9.34	117	26784	19.06	ng/ul	92
20) Nitrobenzene	9.46	77	106175	20.30	ng/ul	95
21) Isophorone	9.99	82	181817	19.91	ng/ul	99
23) 2-Nitrophenol	10.18	139	38414	20.59	ng/ul	88
24) 2,4-Dimethylphenol	10.22	107	98047	20.75	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.46	93	92683	21.00	ng/ul	98
27) 2,4-Dichlorophenol	10.72	162	73961	20.74	ng/ul	96
28) Naphthalene	11.12	128	197401	20.51	ng/ul	95
30) 4-Chloroaniline	11.22	127	85233	22.59	ng/ul	98
31) Hexachlorobutadiene	11.40	225	72592	19.66	ng/ul	91
32) Caprolactam	11.99	113	25394	22.28	ng/ul#	82
33) 4-Chloro-3-methylphenol	12.33	107	94404	20.58	ng/ul#	98
34) 2-Methylnaphthalene	12.71	142	154110	19.24	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.93	142	146714	19.66 ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	13.07	216	125380	21.65 ng/ul	98
38) Hexachlorocyclopentadiene	13.04	237	22616	4.88 ng/ul	100
39) 2,4,6-Trichlorophenol	13.31	196	77697	22.11 ng/ul	91
40) 2,4,5-Trichlorophenol	13.38	196	83419	21.20 ng/ul	93
41) 1,1'-Biphenyl	13.70	154	209610	20.48 ng/ul#	94
42) 2-Chloronaphthalene	13.75	162	170940	21.24 ng/ul	95
43) 2-Nitroaniline	13.94	65	69225	21.78 ng/ul	97
45) Dimethylphthalate	14.31	163	231666	19.73 ng/ul	98
46) 2,6-Dinitrotoluene	14.43	165	49078	19.90 ng/ul	98
48) Acenaphthylene	14.59	152	281323	21.32 ng/ul	99
49) 3-Nitroaniline	14.76	138	45530	22.16 ng/ul	94
50) Acenaphthene	14.93	153	188121	21.33 ng/ul	96
51) 2,4-Dinitrophenol	14.96	184	33429	16.99 ng/ul	92
53) 4-Nitrophenol	15.06	109	56783	18.01 ng/ul#	72
54) Dibenzofuran	15.26	168	272295	20.34 ng/ul	98
55) 2,4-Dinitrotoluene	15.21	165	75297	20.74 ng/ul#	83
56) 2,3,4,6-Tetrachlorophenol	15.48	232	89710	20.40 ng/ul#	94
57) Diethylphthalate	15.66	149	227013	19.41 ng/ul	96
59) Fluorene	15.91	166	234220	20.15 ng/ul	94
60) 4-Chlorophenyl-phenylether	15.89	204	138274	19.36 ng/ul	98
61) 4-Nitroaniline	15.92	138	49328	20.34 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.97	198	51873	20.67 ng/ul#	95
65) N-Nitrosodiphenylamine	16.10	169	208298	22.50 ng/ul	96
66) 4-Bromophenyl-phenylether	16.79	248	96313	21.40 ng/ul	97
67) Hexachlorobenzene	16.91	284	100419	21.47 ng/ul	91
68) Atrazine	17.04	200	96871	20.53 ng/ul	98
69) Pentachlorophenol	17.25	266	66702	20.04 ng/ul	96
70) Phenanthrene	17.64	178	383333	20.85 ng/ul	97
72) Anthracene	17.74	178	395449	21.31 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.67	216	124392	24.71 ng/uL	94
74) Pentachlorobenzene	15.18	250	118348	22.87 ng/uL	91
75) Carbazole	18.00	167	318455	21.09 ng/ul	97
76) Di-n-butylphthalate	18.55	149	365768	20.54 ng/ul	97
77) Fluoranthene	19.64	202	471253	19.11 ng/ul	98
80) Pyrene	20.00	202	475137	20.00 ng/ul#	95
81) Butylbenzylphthalate	20.87	149	156740	21.48 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.77	252	161253	19.21 ng/ul	96
83) Benzo(a)anthracene	21.87	228	506243	20.59 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.76	149	222150	22.03 ng/ul	99
85) Chrysene	21.94	228	464787	20.57 ng/ul	100
87) Di-n-octyl phthalate	23.04	149	376341	22.45 ng/ul	100
88) Benzo(b)fluoranthene	24.21	252	488214	20.09 ng/ul#	97
89) Benzo(k)fluoranthene	24.28	252	469770	20.25 ng/ul	98
91) Benzo(a)pyrene	25.13	252	465729	20.68 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.19	276	504001	19.84 ng/ul	100
93) Dibenzo(a,h)anthracene	29.27	278	391839	18.59 ng/ul	98
94) Benzo(g,h,i)perylene	30.41	276	375544	17.87 ng/ul#	94

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

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