Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101515\
Data File : BG019205.D
Acq On : 15 Oct 2015 14:38
Operator : UM/NP
Sample : SSTD01005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD01005

Quant Time: Oct 15 16:08:53 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 15 15:52:27 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13372	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	60796	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	44162	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.38	188	120446	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	165718	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	154141	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	1108	3.74	ng/uL	0.00
5) Phenol-d5	7.17	99	12348	10.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	8458	11.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	9672	11.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	10454	11.54	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	5489	11.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	5651	11.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	11224	11.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.94	131	15373	13.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	46283	13.29	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	48289	11.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	7859	11.17	ng/ul	0.00
58) Fluorene-d10	15.63	176	38752	12.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.74	200	7495	11.47	ng/ul	0.00
71) Anthracene-d10	17.48	188	66205	11.67	ng/ul	0.00
79) Pyrene-d10	19.77	212	85251	11.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	90550	11.48	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	1322	4.06	ng/uL#	77
4) Benzaldehyde	7.14	77	8615	12.62	ng/ul	92
6) Phenol	7.19	94	13349	11.36	ng/ul#	83
8) Bis(2-Chloroethyl)ether	7.42	93	9743	10.99	ng/ul	86
10) 2-Chlorophenol	7.57	128	10177	11.32	ng/ul	92
11) 2-Methylphenol	8.45	108	10174	11.23	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.54	45	22191	12.76	ng/ul	97
14) Acetophenone	8.83	105	19534	13.92	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.80	70	9546	12.65	ng/ul	96
16) 4-Methylphenol	8.77	108	11632	11.64	ng/ul	99
17) Hexachloroethane	9.09	117	4416	12.35	ng/ul	94
20) Nitrobenzene	9.21	77	14740	12.88	ng/ul	94
21) Isophorone	9.73	82	28484	12.76	ng/ul#	97
23) 2-Nitrophenol	9.91	139	5806	11.43	ng/ul#	83
24) 2,4-Dimethylphenol	9.99	107	14261	12.38	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.21	93	14985	11.36	ng/ul	94
27) 2,4-Dichlorophenol	10.46	162	10870	11.23	ng/ul	99
28) Naphthalene	10.86	128	36248	11.51	ng/ul	99
30) 4-Chloroaniline	10.97	127	16149	13.54	ng/ul	100
31) Hexachlorobutadiene	11.15	225	8430	13.67	ng/ul	91
32) Caprolactam	11.72	113	4065	12.46	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.09	107	14441	13.61	ng/ul	89
34) 2-Methylnaphthalene	12.46	142	29766	12.62	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	28603	12.36 ng/ul#	96
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	16204	11.30 ng/ul	95
38) Hexachlorocyclopentadiene	12.82	237	8222	8.92 ng/ul#	89
39) 2,4,6-Trichlorophenol	13.07	196	10015	10.74 ng/ul	89
40) 2,4,5-Trichlorophenol	13.15	196	10593	10.59 ng/ul	92
41) 1,1'-Biphenyl	13.47	154	40166	11.16 ng/ul	95
42) 2-Chloronaphthalene	13.52	162	30619	10.95 ng/ul	93
43) 2-Nitroaniline	13.71	65	11812	13.01 ng/ul	86
45) Dimethylphthalate	14.09	163	45769	12.87 ng/ul	99
46) 2,6-Dinitrotoluene	14.20	165	8362	12.23 ng/ul#	84
48) Acenaphthylene	14.36	152	54053	11.72 ng/ul	98
49) 3-Nitroaniline	14.54	138	8135	12.04 ng/ul#	79
50) Acenaphthene	14.70	153	35867	11.46 ng/ul	98
51) 2,4-Dinitrophenol	14.74	184	3617	9.14 ng/ul#	85
53) 4-Nitrophenol	14.84	109	8387	15.59 ng/ul#	78
54) Dibenzofuran	15.04	168	51523	12.10 ng/ul#	86
55) 2,4-Dinitrotoluene	14.99	165	14225	14.23 ng/ul#	96
56) 2,3,4,6-Tetrachlorophenol	15.26	232	10216	11.06 ng/ul	97
57) Diethylphthalate	15.45	149	48536	13.61 ng/ul	98
59) Fluorene	15.68	166	43592	12.15 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.68	204	22736	12.83 ng/ul	90
61) 4-Nitroaniline	15.70	138	9819	12.87 ng/ul#	80
64) 4,6-Dinitro-2-methylphenol	15.76	198	7434	10.77 ng/ul#	89
65) N-Nitrosodiphenylamine	15.89	169	38972	11.12 ng/ul	97
66) 4-Bromophenyl-phenylether	16.57	248	15290	11.63 ng/ul	93
67) Hexachlorobenzene	16.69	284	18104	12.11 ng/ul	96
68) Atrazine	16.84	200	18534	12.75 ng/ul	97
69) Pentachlorophenol	17.04	266	7203	7.68 ng/ul	90
70) Phenanthrene	17.42	178	76760	11.31 ng/ul	99
72) Anthracene	17.52	178	79961	11.69 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.43	216	16803	10.34 ng/uL	95
74) Pentachlorobenzene	14.96	250	18115	11.45 ng/uL	97
75) Carbazole	17.79	167	72207	12.23 ng/ul	98
76) Di-n-butylphthalate	18.35	149	91496	12.13 ng/ul#	98
77) Fluoranthene	19.43	202	104975	13.28 ng/ul#	93
80) Pyrene	19.80	202	111418	11.17 ng/ul#	92
81) Butylbenzylphthalate	20.68	149	41084	10.86 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.55	252	33974	11.08 ng/ul	95
83) Benzo(a)anthracene	21.63	228	108506	11.34 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.54	149	55972	10.20 ng/ul	95
85) Chrysene	21.70	228	103116	11.42 ng/ul	97
87) Di-n-octyl phthalate	22.75	149	95648	10.93 ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	100489	11.07 ng/ul#	96
89) Benzo(k)fluoranthene	23.90	252	99068	11.20 ng/ul#	95
91) Benzo(a)pyrene	24.70	252	97639	11.10 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	28.51	276	114194	11.33 ng/ul	94
93) Dibenzo(a,h)anthracene	28.56	278	99210	11.39 ng/ul#	95
94) Benzo(g,h,i)perylene	29.64	276	95738	11.41 ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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