Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100615\
Data File : BG019067.D
Acq On : 7 Oct 2015 10:07
Operator : UM/NP
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
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10/7/2015 4:49:55 PM

Quant Time: Oct 07 11:57:57 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG100415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 07 01:38:48 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24052	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	113146	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	78781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.42	188	181185	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	195667	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	196574	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	3156	5.93	ng/uL	0.00
5) Phenol-d5	7.21	99	42041	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	25676	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	32028	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	34456	21.15	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	16555	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	19704	22.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	38019	21.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	49399	23.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	122141	19.66	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	147539	19.20	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	23105	18.41	ng/ul	0.01
58) Fluorene-d10	15.67	176	111545	19.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.78	200	16219	16.50	ng/ul	0.01
71) Anthracene-d10	17.52	188	169785	19.90	ng/ul	0.00
79) Pyrene-d10	19.81	212	184834	20.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	199003	19.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	3755	6.41	ng/uL#	73
4) Benzaldehyde	7.18	77	25546	20.80	ng/ul	96
6) Phenol	7.24	94	42893	20.29	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.46	93	30322	19.02	ng/ul	96
10) 2-Chlorophenol	7.61	128	32791	20.29	ng/ul	98
11) 2-Methylphenol	8.49	108	33920	20.81	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.58	45	65573	20.97	ng/ul#	95
14) Acetophenone	8.87	105	54372	21.55	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	28257	20.82	ng/ul	94
16) 4-Methylphenol	8.82	108	38350	21.34	ng/ul	98
17) Hexachloroethane	9.13	117	13696	21.30	ng/ul	89
20) Nitrobenzene	9.25	77	43056	20.22	ng/ul	99
21) Isophorone	9.77	82	81092	19.52	ng/ul	97
23) 2-Nitrophenol	9.96	139	19664	20.81	ng/ul#	91
24) 2,4-Dimethylphenol	10.02	107	45165	21.06	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	45369	18.47	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	37778	20.98	ng/ul	99
28) Naphthalene	10.90	128	115622	19.73	ng/ul	99
30) 4-Chloroaniline	11.01	127	50417	22.71	ng/ul	96
31) Hexachlorobutadiene	11.19	225	24810	21.62	ng/ul	99
32) Caprolactam	11.77	113	13679m	22.54	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	46958	23.78	ng/ul	92
34) 2-Methylnaphthalene	12.51	142	90947	20.73	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	90365	20.99	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	50164	19.61	ng/ul	95
38) Hexachlorocyclopentadiene	12.86	237	18807	11.44	ng/ul	95
39) 2,4,6-Trichlorophenol	13.11	196	33475	20.13	ng/ul	94
40) 2,4,5-Trichlorophenol	13.18	196	36270	20.32	ng/ul	97
41) 1,1'-Biphenyl	13.51	154	121120	18.86	ng/ul	97
42) 2-Chloronaphthalene	13.55	162	94928	19.04	ng/ul	96
43) 2-Nitroaniline	13.75	65	36285	22.40	ng/ul	93
45) Dimethylphthalate	14.12	163	122433	19.30	ng/ul	99
46) 2,6-Dinitrotoluene	14.24	165	26364	21.61	ng/ul	98
48) Acenaphthylene	14.40	152	159325	19.37	ng/ul	99
49) 3-Nitroaniline	14.58	138	26402	21.91	ng/ul	95
50) Acenaphthene	14.74	153	108944	19.52	ng/ul	99
51) 2,4-Dinitrophenol	14.78	184	8287	11.73	ng/ul	95
53) 4-Nitrophenol	14.88	109	20353	21.21	ng/ul	89
54) Dibenzofuran	15.08	168	149875	19.73	ng/ul	97
55) 2,4-Dinitrotoluene	15.03	165	39012	21.87	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.30	232	33830	20.54	ng/ul	95
57) Diethylphthalate	15.49	149	124370	19.54	ng/ul	100
59) Fluorene	15.72	166	125458	19.60	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.72	204	62865	19.88	ng/ul	95
61) 4-Nitroaniline	15.73	138	27790	20.42	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.79	198	17461	16.82	ng/ul#	97
65) N-Nitrosodiphenylamine	15.93	169	108036	20.50	ng/ul	96
66) 4-Bromophenyl-phenylether	16.61	248	41683	21.08	ng/ul	94
67) Hexachlorobenzene	16.73	284	47111	20.94	ng/ul	94
68) Atrazine	16.87	200	46972	21.48	ng/ul	97
69) Pentachlorophenol	17.07	266	23563	16.69	ng/ul	92
70) Phenanthrene	17.46	178	202332	19.82	ng/ul	99
72) Anthracene	17.56	178	204002	19.83	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	50444	20.64	ng/uL	96
74) Pentachlorobenzene	14.99	250	50944	21.40	ng/uL	94
75) Carbazole	17.82	167	180163	20.29	ng/ul	99
76) Di-n-butylphthalate	18.38	149	219357	19.33	ng/ul	99
77) Fluoranthene	19.47	202	233131	19.61	ng/ul	98
80) Pyrene	19.84	202	240958	20.46	ng/ul	96
81) Butylbenzylphthalate	20.72	149	93567	20.95	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.59	252	77868	21.50	ng/ul	99
83) Benzo(a)anthracene	21.67	228	225133	19.93	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	136590	21.07	ng/ul#	97
85) Chrysene	21.74	228	208412	19.56	ng/ul	99
87) Di-n-octyl phthalate	22.81	149	237954	21.33	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	225580	19.48	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	219911	19.50	ng/ul	99
91) Benzo(a)pyrene	24.78	252	216427	19.30	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.63	276	258361	20.10	ng/ul	94
93) Dibenzo(a,h)anthracene	28.69	278	215423	19.39	ng/ul	97
94) Benzo(g,h,i)perylene	29.78	276	206257	19.27	ng/ul	96

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

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