Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122615\
Data File : BG020565.D
Acq On : 27 Dec 2015 21:52
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02033

Manual Integrations APPROVED
Sohil
12/28/2015 6:09:08 PM

Quant Time: Dec 28 06:12:33 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 28 04:59:10 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	24427	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	110246	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	81777	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	209778	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	250165	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	231964	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.45	96	3341	7.54	ng/uL	0.00
5) Phenol-d5	7.24	99	46394	23.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	27392	23.59	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	36144	24.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	40237	24.40	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	19398	22.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	22879	23.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	43775	23.02	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	52663	24.24	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	142873	21.20	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	168948	21.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	22085	19.65	ng/ul	0.00
58) Fluorene-d10	15.70	176	131682	21.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.83	200	27045	19.45	ng/ul	0.00
71) Anthracene-d10	17.56	188	211946	21.57	ng/ul	0.00
79) Pyrene-d10	19.84	212	244619	22.59	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	262556	22.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	4327	8.52	ng/uL	92
4) Benzaldehyde	7.21	77	30721	25.86	ng/ul	99
6) Phenol	7.26	94	48645	23.83	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.49	93	34915	23.47	ng/ul	95
10) 2-Chlorophenol	7.63	128	36900	23.51	ng/ul	97
11) 2-Methylphenol	8.52	108	37311	23.55	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.61	45	46420	24.08	ng/ul	95
14) Acetophenone	8.90	105	62867	23.79	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.89	70	32844	24.59	ng/ul#	94
16) 4-Methylphenol	8.85	108	41821	24.33	ng/ul	97
17) Hexachloroethane	9.16	117	14954	22.56	ng/ul	93
20) Nitrobenzene	9.29	77	49358	22.90	ng/ul	98
21) Isophorone	9.81	82	93285	22.92	ng/ul	99
23) 2-Nitrophenol	10.00	139	23602	22.74	ng/ul	96
24) 2,4-Dimethylphenol	10.06	107	50040	22.70	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.29	93	50626	22.38	ng/ul	97
27) 2,4-Dichlorophenol	10.54	162	44472	22.81	ng/ul	93
28) Naphthalene	10.94	128	130764	22.31	ng/ul	98
30) 4-Chloroaniline	11.05	127	53350	24.36	ng/ul	100
31) Hexachlorobutadiene	11.22	225	33755	20.72	ng/ul	97
32) Caprolactam	11.81	113	14363m	22.89	ng/ul	
33) 4-Chloro-3-methylphenol	12.17	107	49349	24.15	ng/ul	92
34) 2-Methylnaphthalene	12.54	142	97366	22.45	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	93575	22.72	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	70224	21.21	ng/ul	99
38) Hexachlorocyclopentadiene	12.89	237	17993	9.97	ng/ul	94
39) 2,4,6-Trichlorophenol	13.15	196	42544	21.65	ng/ul	98
40) 2,4,5-Trichlorophenol	13.23	196	45865	21.33	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	135922	21.54	ng/ul	95
42) 2-Chloronaphthalene	13.59	162	108398	21.29	ng/ul	97
43) 2-Nitroaniline	13.80	65	33681	23.58	ng/ul	94
45) Dimethylphthalate	14.16	163	146291	21.35	ng/ul	99
46) 2,6-Dinitrotoluene	14.29	165	31943	22.91	ng/ul	95
48) Acenaphthylene	14.44	152	177340	21.60	ng/ul	98
49) 3-Nitroaniline	14.62	138	31174	24.24	ng/ul	94
50) Acenaphthene	14.78	153	119144	21.47	ng/ul	98
51) 2,4-Dinitrophenol	14.83	184	13313	14.93	ng/ul	93
53) 4-Nitrophenol	14.93	109	20916	20.57	ng/ul	91
54) Dibenzofuran	15.11	168	178310	21.60	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	45664	21.92	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.34	232	44009	20.78	ng/ul#	97
57) Diethylphthalate	15.52	149	149486	21.25	ng/ul	98
59) Fluorene	15.76	166	145800	21.79	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.74	204	83235	21.50	ng/ul	96
61) 4-Nitroaniline	15.78	138	31655	21.90	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.84	198	28507	19.29	ng/ul	98
65) N-Nitrosodiphenylamine	15.96	169	130417	22.24	ng/ul	99
66) 4-Bromophenyl-phenylether	16.64	248	57199	21.93	ng/ul	96
67) Hexachlorobenzene	16.76	284	60567	20.77	ng/ul	92
68) Atrazine	16.91	200	55563	21.39	ng/ul	98
69) Pentachlorophenol	17.11	266	27748	17.58	ng/ul	96
70) Phenanthrene	17.50	178	248076	21.25	ng/ul	100
72) Anthracene	17.59	178	254862	21.35	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.52	216	75712	21.62	ng/uL	95
74) Pentachlorobenzene	15.03	250	71131	21.90	ng/uL	97
75) Carbazole	17.86	167	218469	21.72	ng/ul	99
76) Di-n-butylphthalate	18.40	149	254233	21.20	ng/ul	99
77) Fluoranthene	19.51	202	311333	21.21	ng/ul	99
80) Pyrene	19.87	202	312738	22.11	ng/ul	99
81) Butylbenzylphthalate	20.74	149	113492	22.56	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.62	252	108261	22.10	ng/ul	97
83) Benzo(a)anthracene	21.72	228	323562	22.02	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.60	149	156161	21.22	ng/ul	99
85) Chrysene	21.78	228	305386	21.82	ng/ul	100
87) Di-n-octyl phthalate	22.82	149	273710	22.80	ng/ul	100
88) Benzo(b)fluoranthene	23.96	252	299716	21.53	ng/ul	98
89) Benzo(k)fluoranthene	24.03	252	308217	22.90	ng/ul	100
91) Benzo(a)pyrene	24.85	252	294967	22.04	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.74	276	318020	19.84	ng/ul	95
93) Dibenzo(a,h)anthracene	28.80	278	270852	20.36	ng/ul	97
94) Benzo(g,h,i)perylene	29.91	276	234460	17.81	ng/ul	99

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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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