Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020595.D
Acq On : 30 Dec 2015 5:51
Operator : UM/SJ
Sample : SSTD04010
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD04010

Manual Integrations APPROVED
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12/31/2015 6:31:10 PM

Quant Time: Dec 30 07:38:22 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 30 07:20:56 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	86910	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	63923	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	163375	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	197707	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	189256	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	5427	15.42	ng/uL	0.00
5) Phenol-d5	7.22	99	65398	41.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	39945	42.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	51984	43.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	55579	42.01	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	28339	41.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	33079	42.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	60753	40.69	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	73720	42.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	207298	39.63	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	235322	38.96	ng/ul	0.00
52) 4-Nitrophenol-d4	14.91	143	34875	40.58	ng/ul	0.00
58) Fluorene-d10	15.69	176	184403	39.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	40158	37.99	ng/ul	0.00
71) Anthracene-d10	17.54	188	299352	39.18	ng/ul	0.00
79) Pyrene-d10	19.83	212	354381	41.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	389353	41.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	6494	16.39	ng/uL#	82
4) Benzaldehyde	7.19	77	43406	45.49	ng/ul	89
6) Phenol	7.25	94	70773	42.82	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.48	93	50014	41.52	ng/ul	99
10) 2-Chlorophenol	7.62	128	54550	43.81	ng/ul	98
11) 2-Methylphenol	8.50	108	54608	42.88	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.59	45	66731	43.07	ng/ul	98
14) Acetophenone	8.89	105	92725	43.46	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.87	70	46617	43.14	ng/ul	99
16) 4-Methylphenol	8.83	108	60046	43.28	ng/ul	98
17) Hexachloroethane	9.14	117	21579	40.87	ng/ul	91
20) Nitrobenzene	9.27	77	67935	40.23	ng/ul	94
21) Isophorone	9.80	82	130831	40.53	ng/ul	98
23) 2-Nitrophenol	9.98	139	34638	42.36	ng/ul	96
24) 2,4-Dimethylphenol	10.04	107	70896	40.99	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.28	93	73459	41.06	ng/ul	99
27) 2,4-Dichlorophenol	10.53	162	63025	41.18	ng/ul	97
28) Naphthalene	10.92	128	181490	39.36	ng/ul	99
30) 4-Chloroaniline	11.04	127	73696	42.17	ng/ul	98
31) Hexachlorobutadiene	11.20	225	48893	38.41	ng/ul	98
32) Caprolactam	11.81	113	21729m	43.43	ng/ul	
33) 4-Chloro-3-methylphenol	12.16	107	68569	42.68	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	137889	40.30	ng/ul	100

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35) 1-Methylnaphthalene	12.75	142	130925	40.27	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	97737	38.28	ng/ul	99
38) Hexachlorocyclopentadiene	12.87	237	36716	28.69	ng/ul	95
39) 2,4,6-Trichlorophenol	13.13	196	56550	37.84	ng/ul	98
40) 2,4,5-Trichlorophenol	13.21	196	61828	37.81	ng/ul	98
41) 1,1'-Biphenyl	13.53	154	190373	38.95	ng/ul	98
42) 2-Chloronaphthalene	13.57	162	154095	39.03	ng/ul	100
43) 2-Nitroaniline	13.78	65	46144	41.35	ng/ul	99
45) Dimethylphthalate	14.14	163	209368	39.32	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	44775	41.22	ng/ul	97
48) Acenaphthylene	14.42	152	248973	39.22	ng/ul	99
49) 3-Nitroaniline	14.61	138	43624	43.55	ng/ul	96
50) Acenaphthene	14.76	153	168137	39.02	ng/ul	100
51) 2,4-Dinitrophenol	14.82	184	19637	30.12	ng/ul	94
53) 4-Nitrophenol	14.92	109	30512	39.38	ng/ul	99
54) Dibenzofuran	15.10	168	252686	39.45	ng/ul	98
55) 2,4-Dinitrotoluene	15.06	165	67057	41.42	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.33	232	60523	37.69	ng/ul#	99
57) Diethylphthalate	15.50	149	215586	39.51	ng/ul	99
59) Fluorene	15.74	166	203434	39.23	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.73	204	119790	39.76	ng/ul	98
61) 4-Nitroaniline	15.77	138	46879	41.77	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.83	198	43566	38.60	ng/ul	97
65) N-Nitrosodiphenylamine	15.95	169	179798	39.63	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	80236	39.75	ng/ul	100
67) Hexachlorobenzene	16.75	284	87000	38.83	ng/ul	92
68) Atrazine	16.89	200	81716	40.53	ng/ul	95
69) Pentachlorophenol	17.09	266	36391	31.94	ng/ul	99
70) Phenanthrene	17.49	178	352680	39.14	ng/ul	99
72) Anthracene	17.58	178	358029	38.82	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	106987	39.82	ng/uL	96
74) Pentachlorobenzene	15.01	250	100066	39.78	ng/uL	98
75) Carbazole	17.85	167	315288	40.32	ng/ul	99
76) Di-n-butylphthalate	18.39	149	366388	39.47	ng/ul	99
77) Fluoranthene	19.49	202	447216	39.58	ng/ul	99
80) Pyrene	19.86	202	449034	39.95	ng/ul	99
81) Butylbenzylphthalate	20.73	149	167136	42.05	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.61	252	162860	42.47	ng/ul	99
83) Benzo(a)anthracene	21.69	228	466102	40.32	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	238209	41.10	ng/ul	99
85) Chrysene	21.76	228	437743	39.90	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	412565	42.46	ng/ul	100
88) Benzo(b)fluoranthene	23.94	252	458764	40.80	ng/ul	99
89) Benzo(k)fluoranthene	24.00	252	441939	40.52	ng/ul	98
91) Benzo(a)pyrene	24.83	252	444234	41.03	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.70	276	533630	40.99	ng/ul	99
93) Dibenzo(a,h)anthracene	28.75	278	445866	41.28	ng/ul	99
94) Benzo(g,h,i)perylene	29.86	276	438219	41.02	ng/ul	100

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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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