Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111915\
Data File : BG019699.D
Acq On : 19 Nov 2015 10:13
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02001

Manual Integrations APPROVED
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11/20/2015 6:34:21 PM

Quant Time: Nov 20 00:34:35 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 19 03:06:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	23614	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	97720	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.78	164	83591	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.52	188	248564	20.00	ng/ul	0.00
78) Chrysene-d12	21.79	240	327244	20.00	ng/ul	0.00
86) Perylene-d12	25.11	264	321613	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.44	96	3874	7.01	ng/uL	0.00
5) Phenol-d5	7.29	99	45804	18.94	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.46	67	29265	18.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.68	132	29563	19.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	38446	19.19	ng/ul	0.00
19) Nitrobenzene-d5	9.32	128	15403	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	17371	19.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	39060	20.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	43937	23.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	148504	19.64	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	158101	19.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	23940	20.10	ng/ul	0.00
58) Fluorene-d10	15.77	176	132586	19.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	32751	20.40	ng/ul	0.00
71) Anthracene-d10	17.62	188	236163	19.57	ng/ul	0.00
79) Pyrene-d10	19.90	212	291438	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.88	264	326300	19.43	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	5290m	8.39	ng/uL	
4) Benzaldehyde	7.28	77	37322	21.17	ng/ul	99
6) Phenol	7.32	94	50497	19.33	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.56	93	36464	20.06	ng/ul	92
10) 2-Chlorophenol	7.70	128	29385	19.39	ng/ul	93
11) 2-Methylphenol	8.59	108	36988	19.23	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.68	45	29311	18.46	ng/ul#	86
14) Acetophenone	8.98	105	63901	19.31	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.96	70	41482	18.55	ng/ul#	96
16) 4-Methylphenol	8.92	108	42385	19.56	ng/ul	92
17) Hexachloroethane	9.24	117	13621	18.91	ng/ul	97
20) Nitrobenzene	9.37	77	56400	19.52	ng/ul	95
21) Isophorone	9.88	82	110364	19.80	ng/ul	98
23) 2-Nitrophenol	10.08	139	19530	19.98	ng/ul	89
24) 2,4-Dimethylphenol	10.13	107	52066	19.99	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.37	93	52809	19.14	ng/ul	94
27) 2,4-Dichlorophenol	10.62	162	36434	19.59	ng/ul#	87
28) Naphthalene	11.03	128	103811	19.67	ng/ul	97
30) 4-Chloroaniline	11.13	127	45061	23.38	ng/ul	97
31) Hexachlorobutadiene	11.31	225	35794	21.39	ng/ul	94
32) Caprolactam	11.88	113	15674	20.72	ng/ul	92
33) 4-Chloro-3-methylphenol	12.25	107	52175	20.13	ng/ul	96
34) 2-Methylnaphthalene	12.62	142	81751	19.42	ng/ul	89

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35) 1-Methylnaphthalene	12.84	142	80420	19.17	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	66683	19.90	ng/ul	97
38) Hexachlorocyclopentadiene	12.96	237	34485	17.67	ng/ul	96
39) 2,4,6-Trichlorophenol	13.22	196	40798	19.96	ng/ul#	97
40) 2,4,5-Trichlorophenol	13.30	196	42441	19.85	ng/ul	97
41) 1,1'-Biphenyl	13.62	154	119081	19.15	ng/ul	96
42) 2-Chloronaphthalene	13.67	162	96515	19.97	ng/ul	96
43) 2-Nitroaniline	13.87	65	38949	19.08	ng/ul	93
45) Dimethylphthalate	14.23	163	149108	19.89	ng/ul	98
46) 2,6-Dinitrotoluene	14.35	165	30385	20.26	ng/ul	99
48) Acenaphthylene	14.51	152	161142	19.70	ng/ul	96
49) 3-Nitroaniline	14.68	138	28800	23.05	ng/ul	95
50) Acenaphthene	14.85	153	110406	19.72	ng/ul	95
51) 2,4-Dinitrophenol	14.89	184	19296	19.58	ng/ul	92
53) 4-Nitrophenol	14.98	109	30376	20.92	ng/ul	91
54) Dibenzofuran	15.18	168	161412	19.66	ng/ul	95
55) 2,4-Dinitrotoluene	15.14	165	46681	20.01	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.40	232	48301	21.30	ng/ul#	98
57) Diethylphthalate	15.58	149	150011	20.03	ng/ul	99
59) Fluorene	15.82	166	139280	19.41	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.81	204	81549	19.54	ng/ul	95
61) 4-Nitroaniline	15.84	138	32536	21.63	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.90	198	33833	19.84	ng/ul	95
65) N-Nitrosodiphenylamine	16.02	169	126715	18.93	ng/ul	99
66) 4-Bromophenyl-phenylether	16.71	248	58079	19.43	ng/ul	95
67) Hexachlorobenzene	16.83	284	61166	19.41	ng/ul	97
68) Atrazine	16.96	200	65637	21.01	ng/ul	92
69) Pentachlorophenol	17.17	266	33573	19.03	ng/ul	93
70) Phenanthrene	17.56	178	257614	19.37	ng/ul	98
72) Anthracene	17.66	178	261004	19.46	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.59	216	66575	19.40	ng/uL	100
74) Pentachlorobenzene	15.10	250	69252	19.34	ng/uL	93
75) Carbazole	17.92	167	220908	20.51	ng/ul	98
76) Di-n-butylphthalate	18.46	149	264108	18.90	ng/ul	98
77) Fluoranthene	19.56	202	356814	21.05	ng/ul	99
80) Pyrene	19.93	202	367033	19.20	ng/ul	98
81) Butylbenzylphthalate	20.79	149	121887	19.38	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.68	252	132825	22.19	ng/ul	98
83) Benzo(a)anthracene	21.77	228	388604	19.59	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	177860	19.29	ng/ul#	97
85) Chrysene	21.84	228	356069	19.07	ng/ul	98
87) Di-n-octyl phthalate	22.89	149	309316	19.81	ng/ul	100
88) Benzo(b)fluoranthene	24.05	252	380904	19.22	ng/ul	99
89) Benzo(k)fluoranthene	24.12	252	363773	19.03	ng/ul	99
91) Benzo(a)pyrene	24.95	252	366015	19.18	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.91	276	406954	19.06	ng/ul	96
93) Dibenzo(a,h)anthracene	28.97	278	332687	18.96	ng/ul	99
94) Benzo(g,h,i)perylene	30.10	276	340333	19.21	ng/ul	96

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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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