Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\Data\BG112215\
Data File : BG019778.D
Acq On : 22 Nov 2015 11:56
Operator : UM/NP
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
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11/23/2015 7:06:42 PM

Quant Time: Nov 23 01:14:34 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 00:37:41 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	20918	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	89808	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.76	164	77097	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.50	188	219299	20.00	ng/ul	0.00
78) Chrysene-d12	21.77	240	279440	20.00	ng/ul	0.00
86) Perylene-d12	25.07	264	269511	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	3421	6.98	ng/uL	-0.01
5) Phenol-d5	7.26	99	42666	19.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	26564	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	27088	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	35477	20.00	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	15295	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	18498	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	37972	21.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.07	131	36991	21.72	ng/ul	0.00
44) Dimethylphthalate-d6	14.15	166	145397	20.85	ng/ul	0.00
47) Acenaphthylene-d8	14.45	160	152770	20.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	20143	18.34	ng/ul	0.00
58) Fluorene-d10	15.74	176	126306	20.24	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.86	200	25783	18.20	ng/ul	0.00
71) Anthracene-d10	17.59	188	218084	20.48	ng/ul	0.00
79) Pyrene-d10	19.87	212	252174	19.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.84	264	284976	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	4215	7.55	ng/uL#	73
4) Benzaldehyde	7.24	77	32477	20.80	ng/ul	92
6) Phenol	7.29	94	46823	20.24	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.52	93	32811	20.38	ng/ul	96
10) 2-Chlorophenol	7.67	128	27263	20.30	ng/ul	88
11) 2-Methylphenol	8.56	108	33649	19.75	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.65	45	26650	18.95	ng/ul#	88
14) Acetophenone	8.94	105	58786	20.05	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.92	70	36204	18.28	ng/ul#	98
16) 4-Methylphenol	8.89	108	39084	20.36	ng/ul	87
17) Hexachloroethane	9.20	117	12617	19.78	ng/ul	96
20) Nitrobenzene	9.33	77	53132	20.01	ng/ul	97
21) Isophorone	9.85	82	104598	20.42	ng/ul	99
23) 2-Nitrophenol	10.05	139	19564	21.78	ng/ul	93
24) 2,4-Dimethylphenol	10.10	107	49495	20.68	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.33	93	51314	20.24	ng/ul	94
27) 2,4-Dichlorophenol	10.58	162	37429	21.90	ng/ul	93
28) Naphthalene	11.00	128	96262	19.85	ng/ul#	97
30) 4-Chloroaniline	11.10	127	36663	20.70	ng/ul	98
31) Hexachlorobutadiene	11.27	225	33269	21.63	ng/ul	97
32) Caprolactam	11.85	113	14530m	20.90	ng/ul	
33) 4-Chloro-3-methylphenol	12.22	107	50423	21.16	ng/ul	100
34) 2-Methylnaphthalene	12.59	142	79242	20.48	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.81	142	76139	19.75	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.96	216	66491	21.51	ng/ul#	96
38) Hexachlorocyclopentadiene	12.93	237	29307	16.28	ng/ul	97
39) 2,4,6-Trichlorophenol	13.19	196	41765	22.16	ng/ul	99
40) 2,4,5-Trichlorophenol	13.27	196	45018	22.82	ng/ul	94
41) 1,1'-Biphenyl	13.59	154	114820	20.02	ng/ul	97
42) 2-Chloronaphthalene	13.64	162	91109	20.44	ng/ul	99
43) 2-Nitroaniline	13.84	65	36707	19.49	ng/ul	93
45) Dimethylphthalate	14.20	163	144395	20.89	ng/ul	98
46) 2,6-Dinitrotoluene	14.33	165	30418	21.99	ng/ul	92
48) Acenaphthylene	14.48	152	150166	19.91	ng/ul	95
49) 3-Nitroaniline	14.66	138	22761	19.75	ng/ul	94
50) Acenaphthene	14.82	153	104983	20.33	ng/ul	97
51) 2,4-Dinitrophenol	14.87	184	12336	13.57	ng/ul	97
53) 4-Nitrophenol	14.96	109	25834	19.29	ng/ul	93
54) Dibenzofuran	15.15	168	155206	20.50	ng/ul	97
55) 2,4-Dinitrotoluene	15.11	165	44490	20.68	ng/ul	89
56) 2,3,4,6-Tetrachlorophenol	15.38	232	47234	22.58	ng/ul#	95
57) Diethylphthalate	15.55	149	139678	20.22	ng/ul	99
59) Fluorene	15.80	166	132892	20.08	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.78	204	80167	20.82	ng/ul	97
61) 4-Nitroaniline	15.82	138	28538	20.57	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.88	198	26228	17.43	ng/ul#	93
65) N-Nitrosodiphenylamine	16.00	169	121122	20.50	ng/ul	99
66) 4-Bromophenyl-phenylether	16.68	248	57778	21.91	ng/ul	95
67) Hexachlorobenzene	16.80	284	60398	21.72	ng/ul	96
68) Atrazine	16.94	200	59687	21.66	ng/ul	99
69) Pentachlorophenol	17.15	266	28750	18.47	ng/ul	95
70) Phenanthrene	17.54	178	236701	20.17	ng/ul	99
72) Anthracene	17.63	178	237065	20.03	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.56	216	65072	21.49	ng/uL	98
74) Pentachlorobenzene	15.07	250	71245	22.55	ng/uL	97
75) Carbazole	17.90	167	192129	20.22	ng/ul	99
76) Di-n-butylphthalate	18.44	149	229030	18.58	ng/ul	99
77) Fluoranthene	19.54	202	311612	20.83	ng/ul	100
80) Pyrene	19.90	202	319633	19.59	ng/ul	97
81) Butylbenzylphthalate	20.77	149	106411	19.82	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.66	252	104063	20.36	ng/ul	100
83) Benzo(a)anthracene	21.75	228	345057	20.37	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	156067	19.83	ng/ul#	99
85) Chrysene	21.82	228	320356	20.09	ng/ul	98
87) Di-n-octyl phthalate	22.86	149	264555	20.22	ng/ul	100
88) Benzo(b)fluoranthene	24.02	252	330779	19.92	ng/ul	99
89) Benzo(k)fluoranthene	24.09	252	319173	19.92	ng/ul	99
91) Benzo(a)pyrene	24.91	252	318750	19.94	ng/ul#	97
92) Indeno(1,2,3-cd)pyrene	28.85	276	363858	20.34	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.92	278	298780	20.32	ng/ul	99
94) Benzo(g,h,i)perylene	30.04	276	299895	20.20	ng/ul	98

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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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