Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020704.D
Acq On : 13 Jan 2016 16:35
Operator : SJ/IZ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02025

Manual Integrations APPROVED
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1/14/2016 5:57:39 PM

Quant Time: Jan 14 09:40:25 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16444	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	70488	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	50639	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	129483	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	153514	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	142758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	2532	7.52	ng/uL	0.00
5) Phenol-d5	7.20	99	28241	20.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17553	20.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	23123	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	24328	20.47	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	11385	20.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13389	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	26087	21.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24720	20.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	86905	19.67	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	104344	21.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	11317	19.07	ng/ul	0.00
58) Fluorene-d10	15.68	176	81051	20.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	13881	19.71	ng/ul	0.00
71) Anthracene-d10	17.53	188	133565	21.04	ng/ul	0.00
79) Pyrene-d10	19.81	212	150182	20.56	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	158246	20.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	2904	7.14	ng/uL#	92
4) Benzaldehyde	7.18	77	19875	20.61	ng/ul	92
6) Phenol	7.23	94	30468	20.11	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.46	93	23275	20.87	ng/ul	97
10) 2-Chlorophenol	7.61	128	23851	20.58	ng/ul	96
11) 2-Methylphenol	8.49	108	23934	20.51	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.57	45	29760	20.60	ng/ul#	94
14) Acetophenone	8.87	105	40237	20.52	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	20142	20.25	ng/ul	93
16) 4-Methylphenol	8.82	108	26051	20.14	ng/ul	98
17) Hexachloroethane	9.12	117	9889	20.08	ng/ul	89
20) Nitrobenzene	9.25	77	30264	20.93	ng/ul	97
21) Isophorone	9.77	82	56412	19.95	ng/ul	100
23) 2-Nitrophenol	9.97	139	14781	20.62	ng/ul	95
24) 2,4-Dimethylphenol	10.02	107	31739	21.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	32211	20.34	ng/ul#	98
27) 2,4-Dichlorophenol	10.51	162	27525	21.09	ng/ul	97
28) Naphthalene	10.91	128	83342	20.92	ng/ul	98
30) 4-Chloroaniline	11.02	127	26049	19.91	ng/ul	95
31) Hexachlorobutadiene	11.19	225	22400	20.20	ng/ul	98
32) Caprolactam	11.78	113	8296m	18.63	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	29212	20.73	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	60734	20.44	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	58225	20.77	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	42787	20.66	ng/ul	98
38) Hexachlorocyclopentadiene	12.86	237	3447	7.75	ng/ul#	89
39) 2,4,6-Trichlorophenol	13.12	196	23682	20.96	ng/ul	94
40) 2,4,5-Trichlorophenol	13.20	196	26536	21.40	ng/ul	99
41) 1,1'-Biphenyl	13.51	154	83079	20.51	ng/ul	100
42) 2-Chloronaphthalene	13.56	162	69177	20.96	ng/ul	97
43) 2-Nitroaniline	13.77	65	20091	21.16	ng/ul	95
45) Dimethylphthalate	14.13	163	91687	19.31	ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	19377	20.84	ng/ul	99
48) Acenaphthylene	14.41	152	109748	20.95	ng/ul	98
49) 3-Nitroaniline	14.59	138	16723	20.29	ng/ul	96
50) Acenaphthene	14.75	153	72686	20.11	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	3911	16.20	ng/ul	93
53) 4-Nitrophenol	14.91	109	10503	19.17	ng/ul	93
54) Dibenzofuran	15.08	168	112167	20.62	ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	28679	20.50	ng/ul#	97
56) 2,3,4,6-Tetrachlorophenol	15.31	232	22021	19.94	ng/ul#	95
57) Diethylphthalate	15.49	149	93508	19.40	ng/ul	98
59) Fluorene	15.73	166	90741	20.45	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.72	204	52611	20.41	ng/ul	98
61) 4-Nitroaniline	15.75	138	19996	20.96	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.82	198	15245	20.13	ng/ul	97
65) N-Nitrosodiphenylamine	15.93	169	79462	21.19	ng/ul	100
66) 4-Bromophenyl-phenylether	16.61	248	34121	20.84	ng/ul	98
67) Hexachlorobenzene	16.73	284	38592	21.27	ng/ul	98
68) Atrazine	16.87	200	33295	20.01	ng/ul	95
69) Pentachlorophenol	17.09	266	9778	19.73	ng/ul	96
70) Phenanthrene	17.47	178	157759	20.48	ng/ul	98
72) Anthracene	17.56	178	159414	20.50	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	40386	21.68	ng/uL	97
74) Pentachlorobenzene	15.00	250	41984	21.64	ng/uL	99
75) Carbazole	17.83	167	133832	21.00	ng/ul	99
76) Di-n-butylphthalate	18.37	149	158665	20.35	ng/ul	99
77) Fluoranthene	19.48	202	192556	20.56	ng/ul	100
80) Pyrene	19.84	202	200596	20.61	ng/ul	99
81) Butylbenzylphthalate	20.71	149	70855	21.66	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.59	252	66616	21.99	ng/ul	99
83) Benzo(a)anthracene	21.68	228	198960	20.77	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.56	149	101695	21.08	ng/ul	99
85) Chrysene	21.75	228	186040	20.55	ng/ul	99
87) Di-n-octyl phthalate	22.77	149	176936	21.88	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	189504	20.61	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	189227	20.84	ng/ul	98
91) Benzo(a)pyrene	24.80	252	185965	21.01	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	218584	20.93	ng/ul	98
93) Dibenzo(a,h)anthracene	28.72	278	181925	21.15	ng/ul	96
94) Benzo(g,h,i)perylene	29.85	276	174127	20.21	ng/ul	99

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

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