Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081319\
Data File : BG042207.D
Acq On : 14 Aug 2019 13:11
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 69 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02057

Manual Integrations APPROVED
mohammad
8/15/2019 5:11:55 PM

Quant Time: Aug 14 17:23:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 10:42:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	68133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	277430	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	191561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	401762	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	391750	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	455327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	9925	6.37	ng/uL	0.00
5) Phenol-d5	7.18	99	99175	18.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	49128	16.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	91295	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	84428	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	44217	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	54234	22.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	105741	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	115736	21.31	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	296233	19.94	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	353069	20.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	44380	17.79	ng/ul	0.00
57) Fluorene-d10	15.68	176	261210	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	46414	18.01	ng/ul	0.00
70) Anthracene-d10	17.54	188	401849	20.85	ng/ul	0.00
78) Pyrene-d10	19.83	212	441887	20.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	495402	20.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10846	6.723	ng/uL#	85
4) Benzaldehyde	7.15	77	42184	16.697	ng/ul	88
6) Phenol	7.21	94	100808	18.265	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.44	93	74297	17.694	ng/ul	92
10) 2-Chlorophenol	7.59	128	91574	19.762	ng/ul	93
11) 2-Methylphenol	8.47	108	81980	18.526	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.56	45	100345	14.128	ng/ul#	94
14) Acetophenone	8.85	105	128186	18.566	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.83	70	59021	16.182	ng/ul	95
16) 4-Methylphenol	8.80	108	87757	18.357	ng/ul	96
17) Hexachloroethane	9.12	117	34838	18.156	ng/ul	89
20) Nitrobenzene	9.23	77	88004	18.502	ng/ul	94
21) Isophorone	9.76	82	165859	17.489	ng/ul	93
23) 2-Nitrophenol	9.96	139	57487	22.191	ng/ul	89
24) 2,4-Dimethylphenol	10.01	107	98494	19.270	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.24	93	105403	18.720	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	102624	21.142	ng/ul	98
28) Naphthalene	10.90	128	290214	20.462	ng/ul	98
30) 4-Chloroaniline	11.01	127	116061	21.261	ng/ul	100
31) Hexachlorobutadiene	11.19	225	77239	20.958	ng/ul	97
32) Caprolactam	11.75	113	26395m	16.807	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	91327	19.095	ng/ul	97
34) 2-Methylnaphthalene	12.51	142	232217	20.599	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	149866	21.881 ng/ul#	97
37) Hexachlorocyclopentadiene	12.86	237	79334	18.347 ng/ul	97
38) 2,4,6-Trichlorophenol	13.12	196	91746	21.645 ng/ul	94
39) 2,4,5-Trichlorophenol	13.19	196	100763	21.312 ng/ul	96
40) 1,1'-Biphenyl	13.52	154	293757	21.090 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	239054	21.314 ng/ul	97
42) 2-Nitroaniline	13.76	65	50712m	17.284 ng/ul	
44) Dimethylphthalate	14.13	163	289163	19.602 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	66707	20.790 ng/ul	91
47) Acenaphthylene	14.41	152	349165	20.384 ng/ul	99
48) 3-Nitroaniline	14.58	138	51136	19.984 ng/ul	96
49) Acenaphthene	14.75	153	243444	20.326 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	31354	17.858 ng/ul	98
52) 4-Nitrophenol	14.90	109	30697	16.606 ng/ul	91
53) Dibenzofuran	15.09	168	359205	20.095 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	90904	19.485 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.31	232	88947	19.851 ng/ul#	96
56) Diethylphthalate	15.50	149	274978	18.739 ng/ul	98
58) Fluorene	15.74	166	288605	20.045 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.73	204	166716	19.941 ng/ul	96
60) 4-Nitroaniline	15.75	138	49950	17.521 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	51318	18.479 ng/ul	97
64) N-Nitrosodiphenylamine	15.94	169	257696	21.620 ng/ul	98
65) 4-Bromophenyl-phenylether	16.62	248	115335	21.684 ng/ul	96
66) Hexachlorobenzene	16.75	284	119129	22.300 ng/ul#	91
67) Atrazine	16.89	200	99737	19.966 ng/ul	98
68) Pentachlorophenol	17.09	266	58022	19.942 ng/ul	99
69) Phenanthrene	17.48	178	457416	20.797 ng/ul	99
71) Anthracene	17.57	178	462045	20.712 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	151413	23.650 ng/uL	99
73) Pentachlorobenzene	15.01	250	149530	23.099 ng/uL	99
74) Carbazole	17.84	167	395996	21.430 ng/ul	99
75) Di-n-butylphthalate	18.40	149	454515	19.957 ng/ul	98
76) Fluoranthene	19.49	202	551950	21.719 ng/ul	97
79) Pyrene	19.86	202	546736	20.748 ng/ul	97
80) Butylbenzylphthalate	20.74	149	202199	19.495 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.61	252	205411	23.070 ng/ul#	97
82) Benzo(a)anthracene	21.70	228	557183	20.513 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.61	149	284060	20.072 ng/ul	100
84) Chrysene	21.77	228	522177	20.598 ng/ul	97
86) Di-n-octyl phthalate	22.84	149	487315	21.632 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	585763	20.500 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	569493	20.729 ng/ul	99
90) Benzo(a)pyrene	24.84	252	564736	20.740 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.73	276	598749	18.853 ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	498285	19.235 ng/ul	99
93) Benzo(g,h,i)perylene	29.89	276	444035	16.746 ng/ul	97

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

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