Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042149.D
Acq On : 12 Aug 2019 17:05
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02052

Manual Integrations APPROVED
mohammad
8/14/2019 2:50:20 AM

Quant Time: Aug 13 11:28:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	88317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	370850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.68	164	250478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	555463	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	542894	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	581171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	12719	6.30	ng/uL	0.00
5) Phenol-d5	7.18	99	139495	20.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	69305	17.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.56	132	124108	20.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	114296	19.64	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	59090	21.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	73482	22.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	144449	22.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	153437	21.13	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	401089	20.65	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	494765	22.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	62720	19.23	ng/ul	0.00
57) Fluorene-d10	15.68	176	366941	21.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	71622	20.10	ng/ul	0.00
70) Anthracene-d10	17.54	188	555134	20.83	ng/ul	0.00
78) Pyrene-d10	19.82	212	633010	20.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	688063	22.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	14770	7.063	ng/uL#	84
4) Benzaldehyde	7.15	77	57340	17.509	ng/ul	93
6) Phenol	7.21	94	134423	18.789	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.44	93	98927	18.176	ng/ul	91
10) 2-Chlorophenol	7.58	128	118052	19.654	ng/ul	96
11) 2-Methylphenol	8.47	108	108240	18.870	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.55	45	134252	14.582	ng/ul	95
14) Acetophenone	8.85	105	168252	18.800	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	76704	16.224	ng/ul	94
16) 4-Methylphenol	8.80	108	116138	18.742	ng/ul	90
17) Hexachloroethane	9.12	117	42172	16.955	ng/ul	88
20) Nitrobenzene	9.24	77	113114	17.790	ng/ul	94
21) Isophorone	9.76	82	212062	16.728	ng/ul	95
23) 2-Nitrophenol	9.95	139	73901	21.341	ng/ul#	90
24) 2,4-Dimethylphenol	10.01	107	127790	18.704	ng/ul	94
25) Bis(2-Chloroethoxy)methane	10.25	93	137594	18.281	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	133687	20.603	ng/ul	97
28) Naphthalene	10.90	128	372005	19.621	ng/ul	99
30) 4-Chloroaniline	11.00	127	147783	20.253	ng/ul	99
31) Hexachlorobutadiene	11.19	225	99123	20.121	ng/ul	99
32) Caprolactam	11.76	113	36125m	17.208	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	120348	18.825	ng/ul	100
34) 2-Methylnaphthalene	12.51	142	295193	19.589	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	193863	21.647 ng/ul	98
37) Hexachlorocyclopentadiene	12.86	237	84232	14.897 ng/ul	93
38) 2,4,6-Trichlorophenol	13.12	196	119817	21.619 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	130694	21.141 ng/ul	99
40) 1,1'-Biphenyl	13.51	154	380271	20.879 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	311137	21.216 ng/ul	99
42) 2-Nitroaniline	13.76	65	66145	17.241 ng/ul#	77
44) Dimethylphthalate	14.14	163	373547	19.366 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	87808	20.929 ng/ul	91
47) Acenaphthylene	14.41	152	448793	20.038 ng/ul	99
48) 3-Nitroaniline	14.58	138	69976	20.914 ng/ul	99
49) Acenaphthene	14.75	153	316977	20.240 ng/ul	99
50) 2,4-Dinitrophenol	14.79	184	39955	17.404 ng/ul	96
52) 4-Nitrophenol	14.89	109	39277	16.249 ng/ul	85
53) Dibenzofuran	15.08	168	471626	20.178 ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	122033	20.005 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	116897	19.953 ng/ul#	97
56) Diethylphthalate	15.50	149	360313	18.779 ng/ul	97
58) Fluorene	15.73	166	375339	19.937 ng/ul	95
59) 4-Chlorophenyl-phenylether	15.73	204	221078	20.223 ng/ul	96
60) 4-Nitroaniline	15.75	138	69604	18.672 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	75498	19.664 ng/ul	98
64) N-Nitrosodiphenylamine	15.94	169	338559	20.544 ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	152003	20.670 ng/ul	95
66) Hexachlorobenzene	16.74	284	156047	21.128 ng/ul	95
67) Atrazine	16.89	200	127882	18.516 ng/ul	98
68) Pentachlorophenol	17.09	266	81695	20.309 ng/ul	98
69) Phenanthrene	17.48	178	608891	20.023 ng/ul	100
71) Anthracene	17.57	178	610500	19.794 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	194767	22.003 ng/uL	100
73) Pentachlorobenzene	15.01	250	195272	21.818 ng/uL	99
74) Carbazole	17.84	167	525729	20.578 ng/ul	99
75) Di-n-butylphthalate	18.40	149	585338	18.589 ng/ul	98
76) Fluoranthene	19.49	202	744165	21.180 ng/ul	98
79) Pyrene	19.85	202	729172	19.967 ng/ul	98
80) Butylbenzylphthalate	20.73	149	266859	18.566 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	273690	22.181 ng/ul	97
82) Benzo(a)anthracene	21.70	228	754908	20.055 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	344754	17.579 ng/ul	98
84) Chrysene	21.77	228	710654	20.228 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	614703	21.378 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	755427	20.713 ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	746803	21.296 ng/ul	99
90) Benzo(a)pyrene	24.83	252	715743	20.594 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	675432	16.662 ng/ul	99
92) Dibenzo(a,h)anthracene	28.78	278	552490	16.709 ng/ul	99
93) Benzo(g,h,i)perylene	29.87	276	474400	14.017 ng/ul	99

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

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