Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042118.D
Acq On : 10 Aug 2019 1:19
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02097

Manual Integrations APPROVED
Sohil
8/13/2019 8:17:12 AM

Quant Time: Aug 10 04:53:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	76865	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	326977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	212694	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	501764	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	478189	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	554033	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	10431	5.94	ng/uL	0.00
5) Phenol-d5	7.18	99	125476	20.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63719	18.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	114431	22.19	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	105300	20.79	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	52914	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.93	143	69166	24.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	133602	23.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	136730	21.36	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	372482	22.58	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	470462	24.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	59289	21.41	ng/ul	0.00
57) Fluorene-d10	15.68	176	341986	23.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	70400	21.87	ng/ul	0.00
70) Anthracene-d10	17.54	188	514039	21.35	ng/ul	0.00
78) Pyrene-d10	19.83	212	570781	21.39	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	661462	22.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12263	6.738	ng/uL#	85
4) Benzaldehyde	7.15	77	52055	18.264	ng/ul	94
6) Phenol	7.21	94	115001	18.469	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.44	93	84423	17.822	ng/ul	96
10) 2-Chlorophenol	7.59	128	101691	19.452	ng/ul	95
11) 2-Methylphenol	8.47	108	91501	18.329	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.56	45	119320	14.891	ng/ul#	93
14) Acetophenone	8.85	105	144867	18.598	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.84	70	66134	16.072	ng/ul	99
16) 4-Methylphenol	8.81	108	97903	18.153	ng/ul	95
17) Hexachloroethane	9.12	117	37818	17.470	ng/ul	85
20) Nitrobenzene	9.23	77	98039	17.488	ng/ul	94
21) Isophorone	9.77	82	184887	16.541	ng/ul#	93
23) 2-Nitrophenol	9.96	139	63395	20.763	ng/ul	94
24) 2,4-Dimethylphenol	10.02	107	111713	18.544	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.25	93	117696	17.736	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	116888	20.431	ng/ul	97
28) Naphthalene	10.90	128	313946	18.781	ng/ul	98
30) 4-Chloroaniline	11.01	127	124067	19.284	ng/ul	94
31) Hexachlorobutadiene	11.20	225	89185	20.533	ng/ul	97
32) Caprolactam	11.77	113	32226m	17.410	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	105344	18.689	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	255847	19.256	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	169986	22.353 ng/ul#	98
37) Hexachlorocyclopentadiene	12.87	237	61249	12.757 ng/ul#	95
38) 2,4,6-Trichlorophenol	13.12	196	108518	23.058 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	116217	22.139 ng/ul	98
40) 1,1'-Biphenyl	13.52	154	320639	20.732 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	268742	21.580 ng/ul	97
42) 2-Nitroaniline	13.76	65	59732	18.335 ng/ul	83
44) Dimethylphthalate	14.13	163	329851	20.139 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	75904	21.306 ng/ul	94
47) Acenaphthylene	14.40	152	380340	19.998 ng/ul	99
48) 3-Nitroaniline	14.58	138	64677	22.764 ng/ul	97
49) Acenaphthene	14.75	153	270168	20.316 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	38583	19.792 ng/ul	97
52) 4-Nitrophenol	14.90	109	39069	19.035 ng/ul	96
53) Dibenzofuran	15.09	168	406226	20.468 ng/ul	99
54) 2,4-Dinitrotoluene	15.05	165	105421	20.352 ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.32	232	107059	21.520 ng/ul#	95
56) Diethylphthalate	15.50	149	312551	19.183 ng/ul	98
58) Fluorene	15.74	166	321193	20.092 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.73	204	194647	20.969 ng/ul	98
60) 4-Nitroaniline	15.75	138	65807	20.790 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.82	198	66430	19.154 ng/ul#	97
64) N-Nitrosodiphenylamine	15.94	169	290810	19.535 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	136049	20.481 ng/ul	94
66) Hexachlorobenzene	16.75	284	138079	20.696 ng/ul	96
67) Atrazine	16.89	200	112673	18.060 ng/ul	98
68) Pentachlorophenol	17.09	266	80276	22.092 ng/ul	100
69) Phenanthrene	17.48	178	523175	19.046 ng/ul	99
71) Anthracene	17.57	178	523321	18.784 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	172888	21.622 ng/uL	98
73) Pentachlorobenzene	15.01	250	171384	21.199 ng/uL	98
74) Carbazole	17.84	167	445892	19.321 ng/ul	99
75) Di-n-butylphthalate	18.40	149	513100	18.039 ng/ul	99
76) Fluoranthene	19.49	202	643324m	20.270 ng/ul	
79) Pyrene	19.86	202	624574	19.417 ng/ul	96
80) Butylbenzylphthalate	20.74	149	225802	17.835 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.61	252	250276	23.028 ng/ul#	98
82) Benzo(a)anthracene	21.70	228	646407	19.496 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.61	149	310689	17.985 ng/ul	99
84) Chrysene	21.77	228	613078	19.812 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	539923	19.697 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	673836	19.381 ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	650831	19.469 ng/ul	98
90) Benzo(a)pyrene	24.84	252	656353	19.811 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	28.72	276	729288	18.872 ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	618293	19.615 ng/ul	99
93) Benzo(g,h,i)perylene	29.90	276	598484m	18.550 ng/ul	

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

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