Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042072.D
Acq On : 8 Aug 2019 18:00
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02094

Manual Integrations APPROVED
mohammad
8/9/2019 4:31:52 PM

Quant Time: Aug 09 08:53:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 15:44:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	71164	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	308868	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	202837	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	483836	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	461090	20.00	ng/ul	0.00
85) Perylene-d12	24.98	264	540421	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	11975	7.36	ng/uL	0.00
5) Phenol-d5	7.17	99	119952	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	63958	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	106958	22.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	98365	20.98	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	49912	21.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	62168	23.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.46	165	124425	22.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	128098	21.18	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	354944	22.56	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	451838	25.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	56141	21.25	ng/ul	0.00
57) Fluorene-d10	15.68	176	324554	23.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.79	200	63023	20.30	ng/ul	0.00
70) Anthracene-d10	17.54	188	498762	21.49	ng/ul	0.00
78) Pyrene-d10	19.82	212	558506	21.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	638452	22.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	11554	6.857	ng/uL	91
4) Benzaldehyde	7.16	77	49196	18.643	ng/ul	89
6) Phenol	7.20	94	109797	19.046	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	81470	18.576	ng/ul	93
10) 2-Chlorophenol	7.58	128	94964	19.621	ng/ul	97
11) 2-Methylphenol	8.47	108	86573	18.731	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.55	45	119016	16.043	ng/ul	97
14) Acetophenone	8.85	105	136779	18.967	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.84	70	64741	16.994	ng/ul	95
16) 4-Methylphenol	8.79	108	91068	18.239	ng/ul	93
17) Hexachloroethane	9.12	117	36925	18.424	ng/ul#	82
20) Nitrobenzene	9.24	77	94309	17.809	ng/ul	92
21) Isophorone	9.76	82	179310	16.983	ng/ul#	93
23) 2-Nitrophenol	9.95	139	59007	20.459	ng/ul	96
24) 2,4-Dimethylphenol	10.01	107	106798	18.768	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.25	93	112148	17.891	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	109162	20.199	ng/ul	98
28) Naphthalene	10.90	128	300569	19.035	ng/ul	98
30) 4-Chloroaniline	11.00	127	115471	19.000	ng/ul	99
31) Hexachlorobutadiene	11.20	225	83112	20.256	ng/ul	98
32) Caprolactam	11.76	113	31787m	18.180	ng/ul	
33) 4-Chloro-3-methylphenol	12.13	107	98696	18.536	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	241345	19.230	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	160509	22.132 ng/ul	98
37) Hexachlorocyclopentadiene	12.87	237	78977	17.249 ng/ul	95
38) 2,4,6-Trichlorophenol	13.12	196	98475	21.941 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	99312	19.838 ng/ul	95
40) 1,1'-Biphenyl	13.52	154	305754	20.731 ng/ul	96
41) 2-Chloronaphthalene	13.56	162	255400	21.505 ng/ul	99
42) 2-Nitroaniline	13.76	65	55726	17.937 ng/ul	86
44) Dimethylphthalate	14.14	163	317397	20.320 ng/ul	99
45) 2,6-Dinitrotoluene	14.25	165	71108	20.929 ng/ul	93
47) Acenaphthylene	14.41	152	364101	20.075 ng/ul	99
48) 3-Nitroaniline	14.58	138	61082	22.544 ng/ul	96
49) Acenaphthene	14.75	153	260421	20.534 ng/ul	98
50) 2,4-Dinitrophenol	14.79	184	32129	17.282 ng/ul	96
52) 4-Nitrophenol	14.89	109	35297	18.033 ng/ul	93
53) Dibenzofuran	15.08	168	390229	20.617 ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	99933	20.230 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	97129	20.472 ng/ul	99
56) Diethylphthalate	15.50	149	305338	19.651 ng/ul	99
58) Fluorene	15.73	166	310772	20.385 ng/ul	93
59) 4-Chlorophenyl-phenylether	15.73	204	183926	20.776 ng/ul	98
60) 4-Nitroaniline	15.75	138	61852	20.490 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	61452	18.375 ng/ul	97
64) N-Nitrosodiphenylamine	15.94	169	279559	19.475 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	126508	19.750 ng/ul	95
66) Hexachlorobenzene	16.75	284	129624	20.149 ng/ul	93
67) Atrazine	16.89	200	113140	18.807 ng/ul	98
68) Pentachlorophenol	17.09	266	68371	19.513 ng/ul	93
69) Phenanthrene	17.48	178	510343	19.267 ng/ul	100
71) Anthracene	17.57	178	513064	19.098 ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	160699	20.842 ng/uL	100
73) Pentachlorobenzene	15.01	250	162408	20.833 ng/uL	98
74) Carbazole	17.84	167	431284	19.381 ng/ul	99
75) Di-n-butylphthalate	18.40	149	508240	18.530 ng/ul	99
76) Fluoranthene	19.49	202	634316	20.726 ng/ul	97
79) Pyrene	19.85	202	611433	19.714 ng/ul	99
80) Butylbenzylphthalate	20.74	149	226708	18.571 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.61	252	240110	22.911 ng/ul	96
82) Benzo(a)anthracene	21.70	228	626920	19.610 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	316623	19.009 ng/ul	99
84) Chrysene	21.77	228	593946	19.905 ng/ul	99
86) Di-n-octyl phthalate	22.84	149	553457	20.699 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	666275	19.646 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	637135	19.539 ng/ul	99
90) Benzo(a)pyrene	24.83	252	631499	19.540 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	740115	19.635 ng/ul	98
92) Dibenzo(a,h)anthracene	28.78	278	615661	20.023 ng/ul	98
93) Benzo(g,h,i)perylene	29.88	276	602225	19.136 ng/ul	98

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

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