Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042220.D
Acq On : 15 Aug 2019 9:12
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02059

Manual Integrations APPROVED
Jagrut
8/19/2019 11:35:49 AM

Quant Time: Aug 16 10:42:41 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	73628	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	305696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	210212	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	440755	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	429654	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	498989	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	10918	6.49	ng/uL	0.00
5) Phenol-d5	7.18	99	110089	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	53835	16.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	98234	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	91476	18.86	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	48127	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	58735	21.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	117694	21.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	129464	21.63	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	320417	19.65	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	396458	21.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	48502	17.72	ng/ul	0.00
57) Fluorene-d10	15.68	176	287407	19.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	53761	19.01	ng/ul	0.00
70) Anthracene-d10	17.54	188	441194	20.86	ng/ul	0.00
78) Pyrene-d10	19.83	212	492966	20.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	534245	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	12163	6.976	ng/uL#	87
4) Benzaldehyde	7.15	77	54348	19.907	ng/ul	93
6) Phenol	7.21	94	112451	18.854	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	83701	18.446	ng/ul	90
10) 2-Chlorophenol	7.59	128	99336	19.837	ng/ul	94
11) 2-Methylphenol	8.47	108	90645	18.956	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.56	45	110042	14.337	ng/ul#	92
14) Acetophenone	8.85	105	139671	18.720	ng/ul#	94
15) N-Nitroso-di-n-propylamine	8.83	70	64274	16.307	ng/ul	93
16) 4-Methylphenol	8.80	108	96391	18.659	ng/ul	91
17) Hexachloroethane	9.12	117	37712	18.187	ng/ul	91
20) Nitrobenzene	9.23	77	95721	18.263	ng/ul#	88
21) Isophorone	9.76	82	178746	17.105	ng/ul#	95
23) 2-Nitrophenol	9.95	139	62568	21.919	ng/ul	95
24) 2,4-Dimethylphenol	10.01	107	109846	19.504	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.24	93	115073	18.548	ng/ul	99
27) 2,4-Dichlorophenol	10.50	162	110355	20.632	ng/ul	99
28) Naphthalene	10.90	128	314369	20.116	ng/ul	98
30) 4-Chloroaniline	11.00	127	128085	21.294	ng/ul	98
31) Hexachlorobutadiene	11.19	225	83657	20.601	ng/ul	99
32) Caprolactam	11.75	113	33497m	19.357	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	99662	18.911	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	249603	20.094	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	160672	21.377	ng/ul#	97
37) Hexachlorocyclopentadiene	12.86	237	79551	16.765	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.12	196	100116	21.524	ng/ul	99
39) 2,4,5-Trichlorophenol	13.19	196	104923	20.223	ng/ul	99
40) 1,1'-Biphenyl	13.52	154	316427	20.702	ng/ul	97
41) 2-Chloronaphthalene	13.56	162	261125	21.216	ng/ul	97
42) 2-Nitroaniline	13.76	65	55075	17.106	ng/ul#	81
44) Dimethylphthalate	14.13	163	311439	19.239	ng/ul	100
45) 2,6-Dinitrotoluene	14.25	165	71714	20.367	ng/ul	92
47) Acenaphthylene	14.40	152	375930	20.000	ng/ul	99
48) 3-Nitroaniline	14.58	138	58563	20.856	ng/ul	97
49) Acenaphthene	14.75	153	263785	20.070	ng/ul	98
50) 2,4-Dinitrophenol	14.80	184	33568	17.423	ng/ul	97
52) 4-Nitrophenol	14.90	109	31537	15.546	ng/ul	91
53) Dibenzofuran	15.09	168	388220	19.791	ng/ul	99
54) 2,4-Dinitrotoluene	15.04	165	99233	19.383	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	93440	19.004	ng/ul	99
56) Diethylphthalate	15.50	149	298817	18.557	ng/ul	98
58) Fluorene	15.74	166	311357	19.707	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	181083	19.738	ng/ul	98
60) 4-Nitroaniline	15.75	138	57588	18.408	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.81	198	56436	18.525	ng/ul	96
64) N-Nitrosodiphenylamine	15.94	169	281605	21.535	ng/ul	99
65) 4-Bromophenyl-phenylether	16.62	248	123446	21.156	ng/ul	96
66) Hexachlorobenzene	16.75	284	128522	21.930	ng/ul	95
67) Atrazine	16.89	200	116169	21.198	ng/ul	98
68) Pentachlorophenol	17.09	266	65080	20.389	ng/ul	93
69) Phenanthrene	17.48	178	501196	20.771	ng/ul	99
71) Anthracene	17.57	178	504454	20.613	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	162846	23.185	ng/uL	100
73) Pentachlorobenzene	15.01	250	164970	23.230	ng/uL	98
74) Carbazole	17.84	167	429977	21.210	ng/ul	100
75) Di-n-butylphthalate	18.40	149	492929	19.729	ng/ul	98
76) Fluoranthene	19.49	202	604650	21.688	ng/ul	98
79) Pyrene	19.85	202	598812	20.719	ng/ul	98
80) Butylbenzylphthalate	20.74	149	220074	19.346	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.61	252	231793	23.736	ng/ul	99
82) Benzo(a)anthracene	21.70	228	610407	20.490	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	307070	19.784	ng/ul	99
84) Chrysene	21.77	228	574149	20.650	ng/ul	99
86) Di-n-octyl phthalate	22.84	149	535551	21.693	ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	636989	20.342	ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	609474	20.243	ng/ul	100
90) Benzo(a)pyrene	24.83	252	607629	20.363	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.72	276	615718	17.691	ng/ul	98
92) Dibenzo(a,h)anthracene	28.78	278	514813	18.134	ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	468975	16.139	ng/ul	98

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

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