Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081519\
Data File : BG042232.D
Acq On : 15 Aug 2019 17:00
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02060

Quant Time: Aug 16 10:06:02 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	8.04	152	74173	20.00	ng/ul	0.01
18) Naphthalene-d8	10.86	136	304636	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.69	164	203327	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.44	188	417888	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	404238	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	477488	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	9909	5.84	ng/uL	0.00
5) Phenol-d5	7.20	99	109514	18.81	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	52992	16.28	ng/ul	0.01
9) 2-Chlorophenol-d4	7.57	132	99523	20.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.75	113	94015	19.24	ng/ul	0.02
19) Nitrobenzene-d5	9.20	128	48504	21.15	ng/ul	0.01
22) 2-Nitrophenol-d4	9.93	143	58310	21.90	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.48	165	116795	21.73	ng/ul	0.01
29) 4-Chloroaniline-d4	10.99	131	125557	21.05	ng/ul	0.01
43) Dimethylphthalate-d6	14.09	166	314615	19.95	ng/ul	0.01
46) Acenaphthylene-d8	14.39	160	384785	21.36	ng/ul	0.01
51) 4-Nitrophenol-d4	14.89	143	45288	17.10	ng/ul	0.01
57) Fluorene-d10	15.69	176	278848	19.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	35634	13.29	ng/ul	0.01
70) Anthracene-d10	17.54	188	419863	20.94	ng/ul	0.00
78) Pyrene-d10	19.83	212	449320	19.92	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.78	264	505758	20.28	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	11549	6.576	ng/uL#	93
4) Benzaldehyde	7.17	77	55365	20.130	ng/ul	95
6) Phenol	7.23	94	111698	18.590	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.45	93	83240	18.210	ng/ul	92
10) 2-Chlorophenol	7.60	128	98568	19.539	ng/ul	94
11) 2-Methylphenol	8.49	108	88411	18.352	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.57	45	109067	14.105	ng/ul#	92
14) Acetophenone	8.87	105	138092	18.372	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	63849	16.080	ng/ul	95
16) 4-Methylphenol	8.82	108	95295	18.311	ng/ul	90
17) Hexachloroethane	9.13	117	38452	18.407	ng/ul	92
20) Nitrobenzene	9.25	77	93932	17.984	ng/ul	94
21) Isophorone	9.78	82	180673	17.350	ng/ul	95
23) 2-Nitrophenol	9.96	139	61218	21.521	ng/ul	88
24) 2,4-Dimethylphenol	10.03	107	108306	19.297	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	112946	18.268	ng/ul	96
27) 2,4-Dichlorophenol	10.51	162	111275	20.877	ng/ul	97
28) Naphthalene	10.91	128	311697	20.014	ng/ul	100
30) 4-Chloroaniline	11.02	127	124411	20.756	ng/ul	97
31) Hexachlorobutadiene	11.20	225	85718	21.182	ng/ul	98
32) Caprolactam	11.77	113	32597	18.902	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.15	107	97724	18.608	ng/ul	97
34) 2-Methylnaphthalene	12.52	142	245566	19.838	ng/ul	99

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Instrument : BNA_G
ClientSampleId : SSTD02060

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	159974	22.005 ng/ul#	98
37) Hexachlorocyclopentadiene	12.87	237	74878	16.314 ng/ul	94
38) 2,4,6-Trichlorophenol	13.13	196	99342	22.081 ng/ul	97
39) 2,4,5-Trichlorophenol	13.21	196	100039	19.935 ng/ul	98
40) 1,1'-Biphenyl	13.52	154	308500	20.866 ng/ul	96
41) 2-Chloronaphthalene	13.57	162	255272	21.443 ng/ul	98
42) 2-Nitroaniline	13.77	65	52775	16.946 ng/ul	86
44) Dimethylphthalate	14.14	163	307017	19.608 ng/ul	98
45) 2,6-Dinitrotoluene	14.26	165	69301	20.348 ng/ul	93
47) Acenaphthylene	14.42	152	364276	20.036 ng/ul	99
48) 3-Nitroaniline	14.59	138	62079	22.856 ng/ul	96
49) Acenaphthene	14.76	153	259339	20.400 ng/ul	99
50) 2,4-Dinitrophenol	14.81	184	22035	11.824 ng/ul	88
52) 4-Nitrophenol	14.91	109	30488	15.538 ng/ul	88
53) Dibenzofuran	15.09	168	376547	19.846 ng/ul	99
54) 2,4-Dinitrotoluene	15.05	165	94529	19.090 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.32	232	90875	19.108 ng/ul#	97
56) Diethylphthalate	15.50	149	289801	18.606 ng/ul	98
58) Fluorene	15.75	166	298363	19.524 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	176945	19.940 ng/ul	97
60) 4-Nitroaniline	15.76	138	64458	21.302 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.82	198	37044	12.825 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	271716	21.916 ng/ul	97
65) 4-Bromophenyl-phenylether	16.63	248	119329	21.569 ng/ul	96
66) Hexachlorobenzene	16.76	284	124058	22.327 ng/ul	93
67) Atrazine	16.89	200	113325	21.810 ng/ul	97
68) Pentachlorophenol	17.10	266	63769	21.071 ng/ul	98
69) Phenanthrene	17.49	178	469424	20.519 ng/ul	99
71) Anthracene	17.58	178	480501	20.708 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	160955	24.170 ng/uL	99
73) Pentachlorobenzene	15.02	250	161589	23.999 ng/uL	99
74) Carbazole	17.85	167	406113	21.129 ng/ul	99
75) Di-n-butylphthalate	18.41	149	459492	19.397 ng/ul	99
76) Fluoranthene	19.50	202	552807	20.913 ng/ul	97
79) Pyrene	19.86	202	547671	20.141 ng/ul	98
80) Butylbenzylphthalate	20.74	149	204185	19.078 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.62	252	185200	20.157 ng/ul	96
82) Benzo(a)anthracene	21.71	228	569228	20.309 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	290991	19.927 ng/ul	99
84) Chrysene	21.77	228	530826	20.292 ng/ul	98
86) Di-n-octyl phthalate	22.84	149	505067	21.379 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	584557	19.508 ng/ul	100
88) Benzo(k)fluoranthene	24.03	252	587226	20.382 ng/ul	99
90) Benzo(a)pyrene	24.85	252	577519	20.225 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.74	276	599803	18.009 ng/ul#	97
92) Dibenzo(a,h)anthracene	28.81	278	501159	18.448 ng/ul	98
93) Benzo(g,h,i)perylene	29.92	276	440068	15.826 ng/ul	97

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

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Instrument :
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