Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021921\
Data File : BG048206.D
Acq On : 19 Feb 2021 16:33
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02039

Quant Time: Feb 19 17:14:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG021321MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 19 11:17:07 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	31480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.92	136	126688	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	98126	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.49	188	264131	20.00	ng/ul	0.00
78) Chrysene-d12	21.76	240	289213	20.00	ng/ul	0.00
86) Perylene-d12	25.04	264	283889	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	6148	8.13	ng/uL	0.00
5) Phenol-d5	7.29	99	56133	21.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	32904	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	39270	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	44438	21.36	ng/ul	0.00
19) Nitrobenzene-d5	9.28	128	19690	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	25456	22.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	48311	21.55	ng/ul	0.00
29) 4-Chloroaniline-d4	11.06	131	54960	24.81	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	155789	21.43	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	190556	21.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.97	143	25562	20.70	ng/ul	0.00
58) Fluorene-d10	15.73	176	140409	21.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	34406	21.25	ng/ul	0.00
71) Anthracene-d10	17.58	188	245215	21.65	ng/ul	0.00
79) Pyrene-d10	19.86	212	300756	20.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.82	264	305878	21.12	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	6327	7.296	ng/uL#	78
4) Benzaldehyde	7.25	77	40613	26.045	ng/ul	96
6) Phenol	7.32	94	59354	21.674	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.53	93	42634	20.615	ng/ul#	86
10) 2-Chlorophenol	7.68	128	43563	22.118	ng/ul	92
11) 2-Methylphenol	8.57	108	42351	21.375	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.64	45	56652	20.958	ng/ul	95
14) Acetophenone	8.94	105	75328	22.230	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.92	70	40684	21.621	ng/ul	95
16) 4-Methylphenol	8.90	108	46297	21.654	ng/ul	92
17) Hexachloroethane	9.20	117	18645	21.192	ng/ul	90
20) Nitrobenzene	9.33	77	61435	21.314	ng/ul	99
21) Isophorone	9.84	82	110461	21.691	ng/ul	98
23) 2-Nitrophenol	10.04	139	24355	20.866	ng/ul	94
24) 2,4-Dimethylphenol	10.11	107	57426	22.232	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.32	93	60534	21.087	ng/ul	96
27) 2,4-Dichlorophenol	10.58	162	46706	21.778	ng/ul	89
28) Naphthalene	10.98	128	133817	20.941	ng/ul	99
30) 4-Chloroaniline	11.09	127	56583	24.900	ng/ul	99
31) Hexachlorobutadiene	11.25	225	39106	20.907	ng/ul	88
32) Caprolactam	11.86	113	16001	21.381	ng/ul#	79
33) 4-Chloro-3-methylphenol	12.23	107	53744	22.635	ng/ul	90
34) 2-Methylnaphthalene	12.57	142	102533	21.110	ng/ul	97

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35) 1-Methylnaphthalene	12.79	142	99912	21.265 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.94	216	72218	20.459 ng/ul	96
38) Hexachlorocyclopentadiene	12.91	237	45023	19.784 ng/ul	93
39) 2,4,6-Trichlorophenol	13.19	196	48873	22.485 ng/ul	97
40) 2,4,5-Trichlorophenol	13.27	196	51791	23.446 ng/ul	95
41) 1,1'-Biphenyl	13.57	154	141596	21.035 ng/ul	96
42) 2-Chloronaphthalene	13.62	162	116212	20.953 ng/ul	97
43) 2-Nitroaniline	13.83	65	45126	23.527 ng/ul	93
45) Dimethylphthalate	14.19	163	164928	21.950 ng/ul	98
46) 2,6-Dinitrotoluene	14.31	165	34262	21.681 ng/ul#	94
48) Acenaphthylene	14.46	152	171391	21.568 ng/ul	99
49) 3-Nitroaniline	14.65	138	33070	24.828 ng/ul	82
50) Acenaphthene	14.80	153	125325	21.014 ng/ul	99
51) 2,4-Dinitrophenol	14.86	184	20632	20.907 ng/ul	94
53) 4-Nitrophenol	14.99	109	31463	22.565 ng/ul	95
54) Dibenzofuran	15.14	168	187883	21.585 ng/ul	99
55) 2,4-Dinitrotoluene	15.11	165	51384	22.638 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.37	232	50190	22.226 ng/ul#	98
57) Diethylphthalate	15.54	149	169467	21.849 ng/ul	99
59) Fluorene	15.78	166	151040	21.464 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.77	204	90644	21.472 ng/ul	97
61) 4-Nitroaniline	15.82	138	38568	25.722 ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.87	198	35021	21.702 ng/ul#	96
65) N-Nitrosodiphenylamine	15.99	169	143049	21.101 ng/ul	99
66) 4-Bromophenyl-phenylether	16.66	248	66329	21.246 ng/ul	96
67) Hexachlorobenzene	16.79	284	67759	20.476 ng/ul	97
68) Atrazine	16.93	200	67004	22.103 ng/ul	97
69) Pentachlorophenol	17.15	266	33183	17.958 ng/ul	94
70) Phenanthrene	17.53	178	285978	21.549 ng/ul	98
72) Anthracene	17.62	178	291484	21.774 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.54	216	77424	19.618 ng/uL	97
74) Pentachlorobenzene	15.05	250	78266	20.225 ng/uL	98
75) Carbazole	17.89	167	261185	23.330 ng/ul	98
76) Di-n-butylphthalate	18.43	149	308672	22.603 ng/ul	99
77) Fluoranthene	19.53	202	385626	23.833 ng/ul	98
80) Pyrene	19.89	202	384922	21.422 ng/ul	98
81) Butylbenzylphthalate	20.76	149	134310	21.361 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.65	252	136405	23.052 ng/ul	98
83) Benzo(a)anthracene	21.74	228	381435	21.110 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	188943	20.695 ng/ul	96
85) Chrysene	21.80	228	370505	21.456 ng/ul	98
87) Di-n-octyl phthalate	22.86	149	329942	22.633 ng/ul	100
88) Benzo(b)fluoranthene	24.00	252	385914	21.648 ng/ul	99
89) Benzo(k)fluoranthene	24.07	252	376264	21.551 ng/ul	95
91) Benzo(a)pyrene	24.89	252	340265	21.693 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.80	276	431539	21.506 ng/ul	95
93) Dibenzo(a,h)anthracene	28.86	278	365349	21.773 ng/ul	96
94) Benzo(g,h,i)perylene	29.97	276	348416	20.880 ng/ul	95

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

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