Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046094.D
Acq On : 28 Jul 2020 8:41
Operator : CG/JU
Sample : SSTDCCC020
Misc : MDL-ME-05
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02037

Quant Time: Jul 28 10:36:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	83559	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	350807	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	244509	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	579762	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	594041	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	623169	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13546	8.01	ng/uL	0.00
5) Phenol-d5	7.12	99	131545	20.06	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	84889	20.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	105094	20.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	111204	20.10	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	50686	20.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	53338	21.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	119591	20.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	137269	21.27	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	396354	20.78	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	467585	20.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	64045	20.56	ng/ul	0.00
58) Fluorene-d10	15.58	176	362850	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	56344	19.42	ng/ul	0.00
71) Anthracene-d10	17.42	188	556295	20.81	ng/ul	0.00
79) Pyrene-d10	19.71	212	655767	20.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	703058	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	14889	7.187	ng/uL	95
4) Benzaldehyde	7.09	77	92290	19.741	ng/ul	96
6) Phenol	7.15	94	139054	20.588	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.38	93	115586	20.910	ng/ul	97
10) 2-Chlorophenol	7.53	128	109979	20.670	ng/ul	99
11) 2-Methylphenol	8.40	108	109158	20.057	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.49	45	198852	21.284	ng/ul	98
14) Acetophenone	8.77	105	170197	20.852	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.76	70	90590	20.512	ng/ul	97
16) 4-Methylphenol	8.73	108	120380	20.645	ng/ul	92
17) Hexachloroethane	9.04	117	47072	20.849	ng/ul	89
20) Nitrobenzene	9.16	77	129463	20.345	ng/ul	98
21) Isophorone	9.68	82	256524	20.628	ng/ul	95
23) 2-Nitrophenol	9.87	139	59583	21.025	ng/ul	96
24) 2,4-Dimethylphenol	9.93	107	128343	20.437	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	158552	20.156	ng/ul	97
27) 2,4-Dichlorophenol	10.40	162	118036	20.903	ng/ul#	93
28) Naphthalene	10.81	128	380548	20.270	ng/ul	97
30) 4-Chloroaniline	10.91	127	135515	21.835	ng/ul	97
31) Hexachlorobutadiene	11.11	225	88986	20.477	ng/ul	97
32) Caprolactam	11.66	113	37021	19.447	ng/ul	97
33) 4-Chloro-3-methylphenol	12.04	107	122567	21.169	ng/ul	99
34) 2-Methylnaphthalene	12.41	142	292625	20.732	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	288153	20.671 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	171622	20.303 ng/ul	100
38) Hexachlorocyclopentadiene	12.77	237	96930	20.028 ng/ul	97
39) 2,4,6-Trichlorophenol	13.02	196	100708	20.381 ng/ul	98
40) 2,4,5-Trichlorophenol	13.09	196	110214	20.518 ng/ul	98
41) 1,1'-Biphenyl	13.42	154	382615	20.225 ng/ul	97
42) 2-Chloronaphthalene	13.46	162	306633	20.315 ng/ul	99
43) 2-Nitroaniline	13.66	65	76709	21.559 ng/ul	96
45) Dimethylphthalate	14.04	163	401653	21.002 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	80162	21.979 ng/ul	99
48) Acenaphthylene	14.31	152	476308	20.569 ng/ul	99
49) 3-Nitroaniline	14.48	138	72284	21.040 ng/ul	97
50) Acenaphthene	14.65	153	343094	20.579 ng/ul	98
51) 2,4-Dinitrophenol	14.68	184	29204	18.089 ng/ul	97
53) 4-Nitrophenol	14.78	109	46537	20.824 ng/ul	92
54) Dibenzofuran	14.98	168	476146	20.942 ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	115327	22.205 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.21	232	108286	21.620 ng/ul	98
57) Diethylphthalate	15.41	149	404699	21.423 ng/ul	98
59) Fluorene	15.63	166	403080	20.906 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	208474	20.581 ng/ul	97
61) 4-Nitroaniline	15.64	138	81779	21.352 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.70	198	63057	20.402 ng/ul	98
65) N-Nitrosodiphenylamine	15.84	169	347992	20.643 ng/ul	100
66) 4-Bromophenyl-phenylether	16.52	248	148467	20.607 ng/ul	95
67) Hexachlorobenzene	16.64	284	167862	20.641 ng/ul	99
68) Atrazine	16.79	200	142431	21.136 ng/ul	96
69) Pentachlorophenol	16.98	266	83318	19.221 ng/ul	95
70) Phenanthrene	17.37	178	677101	20.926 ng/ul	100
72) Anthracene	17.46	178	675737	20.960 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	173032	19.875 ng/uL	97
74) Pentachlorobenzene	14.91	250	177567	20.196 ng/uL	98
75) Carbazole	17.72	167	593399	22.937 ng/ul	100
76) Di-n-butylphthalate	18.30	149	685863	21.546 ng/ul	100
77) Fluoranthene	19.38	202	856920	24.144 ng/ul	99
80) Pyrene	19.74	202	841074	20.939 ng/ul	100
81) Butylbenzylphthalate	20.64	149	290255	21.052 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.48	252	267359	20.969 ng/ul	99
83) Benzo(a)anthracene	21.56	228	814627	20.823 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.49	149	425128	21.197 ng/ul	98
85) Chrysene	21.62	228	797103	20.960 ng/ul	100
87) Di-n-octyl phthalate	22.67	149	706594	21.700 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	857376	20.365 ng/ul	99
89) Benzo(k)fluoranthene	23.77	252	839609	20.312 ng/ul	99
91) Benzo(a)pyrene	24.54	252	788207	20.416 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	28.21	276	980126	20.329 ng/ul	97
93) Dibenzo(a,h)anthracene	28.27	278	809366	20.519 ng/ul	99
94) Benzo(g,h,i)perylene	29.31	276	832386	20.425 ng/ul	98

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

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