Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021221\
Data File : BG048145.D
Acq On : 12 Feb 2021 10:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020082

Manual Integrations APPROVED
mohammad
2/15/2021 11:25:23 AM

Quant Time: Feb 12 11:54:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 12 11:47:26 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	52082	20.00	ng/ul	0.00
20) Naphthalene-d8	10.91	136	201898	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	144977	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	357369	20.00	ng/ul	0.00
79) Chrysene-d12	21.74	240	380378	20.00	ng/ul	0.00
88) Perylene-d12	25.00	264	391972	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	9971	7.20	ng/uL	0.00
4) Pyridine-d5	3.93	84	74302	18.37	ng/ul	0.00
7) Phenol-d5	7.25	99	94335	19.43	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.42	67	60193	20.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.63	132	66072	18.70	ng/ul	0.00
15) 4-Methylphenol-d8	8.80	113	75820	19.78	ng/ul	0.00
21) Nitrobenzene-d5	9.26	128	34100	20.08	ng/ul	0.00
24) 2-Nitrophenol-d4	9.99	143	41229	19.76	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.53	165	80468	20.38	ng/ul	0.00
31) 4-Chloroaniline-d4	11.04	131	105148	20.79	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	252911	20.89	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	290216	20.83	ng/ul	0.00
54) 4-Nitrophenol-d4	14.90	143	42219	19.44	ng/ul	0.00
60) Fluorene-d10	15.71	176	226042	20.83	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.83	200	49156	19.23	ng/ul	0.00
73) Anthracene-d10	17.57	188	364976	21.15	ng/ul	0.00
81) Pyrene-d10	19.84	212	440327	20.76	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.77	264	461829	21.55	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	12482	8.000	ng/uL	98
5) Pyridine	3.95	79	82122	19.819	ng/ul	96
6) Benzaldehyde	7.24	77	51447	21.835	ng/ul	95
8) Phenol	7.27	94	97850	19.876	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.51	93	80891	21.441	ng/ul	97
12) 2-Chlorophenol	7.66	128	70880	20.382	ng/ul	95
13) 2-Methylphenol	8.53	108	70409	19.822	ng/ul	93
14) 2,2'-oxybis(1-Chloropropan	8.62	45	104242	21.316	ng/ul	98
16) Acetophenone	8.92	105	122370	20.105	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.90	70	67387	19.340	ng/ul	99
18) 4-Methylphenol	8.86	108	77794	20.009	ng/ul	97
19) Hexachloroethane	9.19	117	31979	19.882	ng/ul	98
22) Nitrobenzene	9.30	77	105684	20.771	ng/ul	96
23) Isophorone	9.83	82	190418	20.546	ng/ul	98
25) 2-Nitrophenol	10.02	139	42286	20.162	ng/ul	91
26) 2,4-Dimethylphenol	10.07	107	92439	21.078	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.31	93	106828	20.416	ng/ul	97
29) 2,4-Dichlorophenol	10.55	162	78009	20.714	ng/ul	98
30) Naphthalene	10.97	128	234159	20.574	ng/ul	99
32) 4-Chloroaniline	11.07	127	99882	20.645	ng/ul	90
33) Hexachlorobutadiene	11.25	225	67804	21.072	ng/ul	93
34) Caprolactam	11.81	113	23458m	17.903	ng/ul	

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35) 4-Chloro-3-methylphenol	12.17	107	83587	20.012	ng/ul	96
36) 2-Methylnaphthalene	12.57	142	173341	20.565	ng/ul	99
37) 1-Methylnaphthalene	12.78	142	164932	20.642	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	119510	21.037	ng/ul	99
40) Hexachlorocyclopentadiene	12.91	237	73384	19.741	ng/ul	98
41) 2,4,6-Trichlorophenol	13.16	196	72679	19.664	ng/ul	99
42) 2,4,5-Trichlorophenol	13.23	196	78872	20.022	ng/ul	96
43) 1,1'-Biphenyl	13.56	154	231084	20.857	ng/ul	98
44) 2-Chloronaphthalene	13.61	162	193242	20.835	ng/ul	96
45) 2-Nitroaniline	13.80	65	64599	20.856	ng/ul	90
47) Dimethylphthalate	14.17	163	262626	21.101	ng/ul	99
48) 2,6-Dinitrotoluene	14.29	165	55591	21.111	ng/ul	96
50) Acenaphthylene	14.45	152	278669	20.723	ng/ul	98
51) 3-Nitroaniline	14.62	138	33820	17.035	ng/ul	99
52) Acenaphthene	14.79	153	202879	20.803	ng/ul	94
53) 2,4-Dinitrophenol	14.82	184	30226	17.191	ng/ul	94
55) 4-Nitrophenol	14.92	109	49485	21.752	ng/ul	98
56) Dibenzofuran	15.12	168	294313	20.935	ng/ul	100
57) 2,4-Dinitrotoluene	15.07	165	78518	21.107	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.34	232	78430	20.563	ng/ul	97
59) Diethylphthalate	15.53	149	271034	21.462	ng/ul	98
61) Fluorene	15.77	166	240748	21.095	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.76	204	144797	20.852	ng/ul	98
63) 4-Nitroaniline	15.78	138	31305	16.166	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.84	198	51959	19.468	ng/ul#	96
67) N-Nitrosodiphenylamine	15.97	169	215295	20.848	ng/ul	96
68) 4-Bromophenyl-phenylether	16.65	248	97383	20.535	ng/ul	97
69) Hexachlorobenzene	16.77	284	101981	20.514	ng/ul	97
70) Atrazine	16.91	200	100785	21.780	ng/ul	98
71) Pentachlorophenol	17.11	266	53690	17.767	ng/ul	96
72) Phenanthrene	17.51	178	427882	21.339	ng/ul	99
74) Anthracene	17.60	178	432017	21.196	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.53	216	121530	21.025	ng/uL	96
76) Pentachlorobenzene	15.04	250	123022	20.986	ng/uL	99
77) Carbazole	17.86	167	368021	22.021	ng/ul	99
78) Di-n-butylphthalate	18.42	149	444452	20.910	ng/ul	99
80) Fluoranthene	19.51	202	570940	21.138	ng/ul	100
82) Pyrene	19.87	202	554563	20.976	ng/ul	99
83) Butylbenzylphthalate	20.75	149	197364	20.463	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.63	252	182053	20.379	ng/ul	98
85) Benzo(a)anthracene	21.72	228	565006	21.298	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	284563	20.672	ng/ul	99
87) Chrysene	21.78	228	533501	20.849	ng/ul	98
89) Di-n-octyl phthalate	22.85	149	487081	22.052	ng/ul	100
90) Benzo(b)fluoranthene	23.96	252	579179	21.989	ng/ul	100
91) Benzo(k)fluoranthene	24.03	252	543556m	21.129	ng/ul	
93) Benzo(a)pyrene	24.84	252	523369	21.786	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.71	276	643785	21.614	ng/ul	98
95) Dibenzo(a,h)anthracene	28.78	278	539726	21.863	ng/ul	99
96) Benzo(g,h,i)perylene	29.88	276	534190	21.499	ng/ul	98

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

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