Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111020\
Data File : BG047269.D
Acq On : 10 Nov 2020 13:34
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02004

Manual Integrations APPROVED
mohammad
11/10/2020 2:41:05 PM

Quant Time: Nov 10 14:15:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	52657	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	221590	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	165105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	391346	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	372282	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	384818	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	8424	6.45	ng/uL	0.00
5) Phenol-d5	7.16	99	81934	17.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	47066	17.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	62940	17.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	68815	18.87	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	31241	16.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	37824	17.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	78812	18.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	78175	21.65	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	226995	16.72	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	277258	17.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	37972	17.77	ng/ul	0.00
58) Fluorene-d10	15.64	176	215513	17.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	47611	17.64	ng/ul	0.00
71) Anthracene-d10	17.49	188	327538	17.27	ng/ul	0.00
79) Pyrene-d10	19.77	212	385028	18.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	381011	18.01	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	9043	6.461	ng/uL#	71
4) Benzaldehyde	7.14	77	49643	16.373	ng/ul	89
6) Phenol	7.19	94	81792	18.339	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.42	93	63588	18.195	ng/ul	97
10) 2-Chlorophenol	7.57	128	63191	17.903	ng/ul	94
11) 2-Methylphenol	8.45	108	63312	18.510	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.53	45	98814m	19.029	ng/ul	
14) Acetophenone	8.83	105	100036	17.959	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.81	70	53699	17.817	ng/ul#	98
16) 4-Methylphenol	8.77	108	67520	18.795	ng/ul	91
17) Hexachloroethane	9.09	117	29795	18.300	ng/ul	91
20) Nitrobenzene	9.21	77	85499	17.048	ng/ul#	96
21) Isophorone	9.73	82	152229	16.854	ng/ul	99
23) 2-Nitrophenol	9.93	139	40439	18.174	ng/ul#	80
24) 2,4-Dimethylphenol	9.98	107	80486	17.794	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.21	93	88743	17.412	ng/ul	100
27) 2,4-Dichlorophenol	10.46	162	73438	18.392	ng/ul	99
28) Naphthalene	10.87	128	216652	17.404	ng/ul	98
30) 4-Chloroaniline	10.97	127	71928	20.947	ng/ul#	88
31) Hexachlorobutadiene	11.15	225	61134	17.451	ng/ul	97
32) Caprolactam	11.72	113	22944m	16.866	ng/ul	
33) 4-Chloro-3-methylphenol	12.09	107	74693	18.194	ng/ul#	97
34) 2-Methylnaphthalene	12.47	142	160085	18.025	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	185648	17.839	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	112186	17.445	ng/ul	97
38) Hexachlorocyclopentadiene	12.82	237	48292	11.977	ng/ul	98
39) 2,4,6-Trichlorophenol	13.08	196	66484	16.955	ng/ul	91
40) 2,4,5-Trichlorophenol	13.15	196	73085	18.187	ng/ul	95
41) 1,1'-Biphenyl	13.48	154	220991	16.965	ng/ul#	96
42) 2-Chloronaphthalene	13.52	162	179477	17.083	ng/ul	97
43) 2-Nitroaniline	13.72	65	54191	17.155	ng/ul	96
45) Dimethylphthalate	14.09	163	233888	17.168	ng/ul	98
46) 2,6-Dinitrotoluene	14.22	165	48927	16.592	ng/ul	93
48) Acenaphthylene	14.37	152	257013	17.106	ng/ul	99
49) 3-Nitroaniline	14.54	138	36301	18.844	ng/ul	96
50) Acenaphthene	14.71	153	188330	17.324	ng/ul	97
51) 2,4-Dinitrophenol	14.75	184	29285	19.210	ng/ul#	84
53) 4-Nitrophenol	14.85	109	38305	17.529	ng/ul	97
54) Dibenzofuran	15.04	168	277848	17.563	ng/ul	97
55) 2,4-Dinitrotoluene	15.00	165	72658	17.938	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.27	232	72885	17.275	ng/ul	97
57) Diethylphthalate	15.46	149	233025	17.067	ng/ul	99
59) Fluorene	15.69	166	225814	17.390	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.68	204	129731	17.413	ng/ul	96
61) 4-Nitroaniline	15.70	138	37426	16.768	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.77	198	48765	17.527	ng/ul#	96
65) N-Nitrosodiphenylamine	15.90	169	196039	17.332	ng/ul	99
66) 4-Bromophenyl-phenylether	16.57	248	89776	17.294	ng/ul	98
67) Hexachlorobenzene	16.69	284	95455	17.373	ng/ul	98
68) Atrazine	16.84	200	88317	18.093	ng/ul	98
69) Pentachlorophenol	17.04	266	54044	17.248	ng/ul	96
70) Phenanthrene	17.43	178	381726	17.391	ng/ul	98
72) Anthracene	17.52	178	379837	17.220	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	112171	17.063	ng/uL	96
74) Pentachlorobenzene	14.96	250	113127	17.948	ng/uL	98
75) Carbazole	17.79	167	309616	18.272	ng/ul	98
76) Di-n-butylphthalate	18.34	149	396844	17.555	ng/ul	100
77) Fluoranthene	19.44	202	469895	17.787	ng/ul	99
80) Pyrene	19.80	202	463660	18.200	ng/ul	97
81) Butylbenzylphthalate	20.68	149	156675	16.743	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.54	252	135025	19.821	ng/ul	95
83) Benzo(a)anthracene	21.63	228	448131	17.769	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	233535	17.991	ng/ul	99
85) Chrysene	21.69	228	432577	17.828	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	404282	18.767	ng/ul	100
88) Benzo(b)fluoranthene	23.83	252	460572	18.018	ng/ul	98
89) Benzo(k)fluoranthene	23.89	252	430281	17.371	ng/ul	97
91) Benzo(a)pyrene	24.69	252	407749	17.714	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.48	276	504868	17.649	ng/ul	97
93) Dibenzo(a,h)anthracene	28.53	278	413729	17.830	ng/ul	96
94) Benzo(g,h,i)perylene	29.61	276	421300	17.621	ng/ul	98

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

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