Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111220\
Data File : BG047311.D
Acq On : 12 Nov 2020 17:31
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02097

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:45 AM

Quant Time: Nov 13 06:26:25 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	47703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	197185	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.65	164	142819	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	342496	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	318560	20.00	ng/ul	0.00
86) Perylene-d12	24.86	264	340086	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	6812	5.76	ng/uL	0.00
5) Phenol-d5	7.17	99	73926	17.86	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	40778	17.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	58401	18.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.72	113	59888	18.13	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	28794	17.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	35104	18.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.44	165	66746	17.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	71524	22.26	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	211575	18.02	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	248005	17.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	30730	16.62	ng/ul	0.02
58) Fluorene-d10	15.64	176	190179	17.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.76	200	43512	18.42	ng/ul	0.01
71) Anthracene-d10	17.49	188	298156	17.96	ng/ul	0.00
79) Pyrene-d10	19.77	212	334952	18.43	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.64	264	323560	17.31	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	7799	6.151	ng/uL#	88
4) Benzaldehyde	7.14	77	46207m	16.823	ng/ul	
6) Phenol	7.20	94	73295	18.141	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.42	93	55873	17.647	ng/ul	98
10) 2-Chlorophenol	7.57	128	57825	18.084	ng/ul	89
11) 2-Methylphenol	8.45	108	56273	18.161	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.53	45	86996	18.493	ng/ul#	93
14) Acetophenone	8.83	105	93185	18.467	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.81	70	49540	18.144	ng/ul	91
16) 4-Methylphenol	8.78	108	60554	18.606	ng/ul	93
17) Hexachloroethane	9.09	117	27207	18.445	ng/ul	95
20) Nitrobenzene	9.22	77	76836	17.217	ng/ul	98
21) Isophorone	9.74	82	140509	17.482	ng/ul	99
23) 2-Nitrophenol	9.93	139	36554	18.461	ng/ul	86
24) 2,4-Dimethylphenol	9.99	107	73502	18.261	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.21	93	78554	17.320	ng/ul	98
27) 2,4-Dichlorophenol	10.47	162	65232	18.359	ng/ul	98
28) Naphthalene	10.87	128	197159	17.798	ng/ul	99
30) 4-Chloroaniline	10.98	127	66879	21.887	ng/ul	99
31) Hexachlorobutadiene	11.15	225	55344	17.753	ng/ul	97
32) Caprolactam	11.72	113	21423m	17.697	ng/ul	
33) 4-Chloro-3-methylphenol	12.10	107	67560	18.494	ng/ul	98
34) 2-Methylnaphthalene	12.48	142	145128	18.363	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.69	142	166060	17.931	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	98766	17.755	ng/ul	99
38) Hexachlorocyclopentadiene	12.82	237	44341	12.713	ng/ul#	98
39) 2,4,6-Trichlorophenol	13.08	196	60140	17.730	ng/ul	98
40) 2,4,5-Trichlorophenol	13.16	196	63600	18.297	ng/ul	97
41) 1,1'-Biphenyl	13.48	154	199237	17.682	ng/ul	96
42) 2-Chloronaphthalene	13.53	162	157257	17.304	ng/ul	96
43) 2-Nitroaniline	13.72	65	49177	17.997	ng/ul	93
45) Dimethylphthalate	14.09	163	213162	18.088	ng/ul	99
46) 2,6-Dinitrotoluene	14.22	165	44900	17.603	ng/ul	89
48) Acenaphthylene	14.37	152	227761	17.524	ng/ul	97
49) 3-Nitroaniline	14.54	138	33081	19.852	ng/ul	89
50) Acenaphthene	14.71	153	164922	17.539	ng/ul	98
51) 2,4-Dinitrophenol	14.76	184	22134	16.785	ng/ul#	83
53) 4-Nitrophenol	14.86	109	32108	16.986	ng/ul	99
54) Dibenzofuran	15.04	168	245376	17.931	ng/ul	100
55) 2,4-Dinitrotoluene	15.01	165	67199	19.179	ng/ul#	92
56) 2,3,4,6-Tetrachlorophenol	15.27	232	61763	16.923	ng/ul	97
57) Diethylphthalate	15.46	149	215173	18.218	ng/ul	96
59) Fluorene	15.69	166	205764	18.319	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.68	204	116372	18.057	ng/ul	95
61) 4-Nitroaniline	15.71	138	37892	19.626	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.77	198	44029	18.081	ng/ul#	92
65) N-Nitrosodiphenylamine	15.90	169	177728	17.955	ng/ul	100
66) 4-Bromophenyl-phenylether	16.58	248	81514	17.942	ng/ul	94
67) Hexachlorobenzene	16.70	284	87557	18.209	ng/ul	97
68) Atrazine	16.84	200	80918	18.942	ng/ul	98
69) Pentachlorophenol	17.05	266	39513	14.409	ng/ul	92
70) Phenanthrene	17.44	178	343072	17.859	ng/ul	98
72) Anthracene	17.52	178	349975	18.129	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	98693	17.154	ng/uL	99
74) Pentachlorobenzene	14.97	250	99751	18.083	ng/uL	99
75) Carbazole	17.79	167	282957	19.081	ng/ul	97
76) Di-n-butylphthalate	18.35	149	369160	18.660	ng/ul	100
77) Fluoranthene	19.44	202	400280	17.313	ng/ul	99
80) Pyrene	19.80	202	400669	18.380	ng/ul	97
81) Butylbenzylphthalate	20.68	149	139557	17.428	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.55	252	122087	20.944	ng/ul	97
83) Benzo(a)anthracene	21.64	228	379190	17.571	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.53	149	194360	17.498	ng/ul	97
85) Chrysene	21.70	228	366241	17.639	ng/ul	99
87) Di-n-octyl phthalate	22.73	149	331464	17.411	ng/ul	100
88) Benzo(b)fluoranthene	23.84	252	385695m	17.073	ng/ul	
89) Benzo(k)fluoranthene	23.90	252	373878	17.079	ng/ul	98
91) Benzo(a)pyrene	24.71	252	353967	17.400	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.50	276	430299	17.020	ng/ul	97
93) Dibenzo(a,h)anthracene	28.57	278	364282	17.764	ng/ul#	98
94) Benzo(g,h,i)perylene	29.64	276	361079	17.089	ng/ul	96

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

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