Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080319\
Data File : BG041912.D
Acq On : 3 Aug 2019 17:16
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02078

Manual Integrations APPROVED
mohammad
8/5/2019 3:02:15 PM

Quant Time: Aug 04 02:22:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Aug 04 00:02:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	74530	20.00	ng/ul	0.02
18) Naphthalene-d8	10.87	136	311593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.70	164	217087	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.45	188	460410	20.00	ng/ul	0.00
77) Chrysene-d12	21.74	240	441720	20.00	ng/ul	0.02
85) Perylene-d12	25.02	264	498924	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	12359	7.26	ng/uL	0.00
5) Phenol-d5	7.20	99	124478	21.28	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.36	67	66897	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	109571	21.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	103011	20.98	ng/ul	0.02
19) Nitrobenzene-d5	9.21	128	51739	22.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	63577	23.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	126402	22.99	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	132648	21.74	ng/ul	0.00
43) Dimethylphthalate-d6	14.10	166	349642	20.77	ng/ul	0.00
46) Acenaphthylene-d8	14.39	160	414955	21.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	59282	20.97	ng/ul	0.02
57) Fluorene-d10	15.69	176	316281	21.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.81	200	50998	17.26	ng/ul	0.02
70) Anthracene-d10	17.55	188	487802	22.08	ng/ul	0.00
78) Pyrene-d10	19.84	212	531345	21.56	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.79	264	569314	21.84	ng/ul	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	12668	7.178	ng/uL	95
4) Benzaldehyde	7.17	77	56209	20.339	ng/ul	95
6) Phenol	7.22	94	131581	21.794	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.45	93	94765	20.632	ng/ul	95
10) 2-Chlorophenol	7.61	128	111527	22.002	ng/ul	100
11) 2-Methylphenol	8.49	108	102013	21.075	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.58	45	156976	20.204	ng/ul	97
14) Acetophenone	8.87	105	160441	21.243	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.85	70	79237	19.860	ng/ul	96
16) 4-Methylphenol	8.82	108	111583	21.338	ng/ul	90
17) Hexachloroethane	9.14	117	34792	16.576	ng/ul	97
20) Nitrobenzene	9.25	77	116086	21.730	ng/ul	97
21) Isophorone	9.78	82	205066	19.253	ng/ul	99
23) 2-Nitrophenol	9.97	139	68452	23.526	ng/ul	97
24) 2,4-Dimethylphenol	10.03	107	123892	21.582	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.26	93	131097	20.731	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	122692	22.505	ng/ul	97
28) Naphthalene	10.92	128	348233	21.861	ng/ul	99
30) 4-Chloroaniline	11.02	127	133970	21.851	ng/ul	99
31) Hexachlorobutadiene	11.21	225	94055	22.723	ng/ul	97
32) Caprolactam	11.78	113	36131m	20.484	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	117294	21.836	ng/ul	98
34) 2-Methylnaphthalene	12.53	142	270069	21.330	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	185401	23.886 ng/ul#	98
37) Hexachlorocyclopentadiene	12.88	237	73151	14.928 ng/ul	95
38) 2,4,6-Trichlorophenol	13.13	196	113786	23.688 ng/ul	92
39) 2,4,5-Trichlorophenol	13.21	196	124913	23.314 ng/ul	97
40) 1,1'-Biphenyl	13.53	154	345194	21.868 ng/ul	97
41) 2-Chloronaphthalene	13.58	162	284600	22.391 ng/ul	97
42) 2-Nitroaniline	13.77	65	71852	21.610 ng/ul	92
44) Dimethylphthalate	14.15	163	346047	20.700 ng/ul	97
45) 2,6-Dinitrotoluene	14.26	165	78882	21.693 ng/ul	96
47) Acenaphthylene	14.42	152	417633	21.514 ng/ul	99
48) 3-Nitroaniline	14.59	138	68199	23.518 ng/ul#	82
49) Acenaphthene	14.76	153	291328	21.464 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	36255	18.222 ng/ul	94
52) 4-Nitrophenol	14.90	109	45448	21.694 ng/ul	96
53) Dibenzofuran	15.10	168	436245	21.535 ng/ul	98
54) 2,4-Dinitrotoluene	15.06	165	107855	20.400 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.33	232	114641	22.577 ng/ul	96
56) Diethylphthalate	15.51	149	333466	20.053 ng/ul	98
58) Fluorene	15.75	166	343102	21.028 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.74	204	202556	21.379 ng/ul	99
60) 4-Nitroaniline	15.76	138	77968	24.133 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.83	198	56606	17.787 ng/ul	97
64) N-Nitrosodiphenylamine	15.95	169	310848	22.757 ng/ul	99
65) 4-Bromophenyl-phenylether	16.64	248	140569	23.062 ng/ul	97
66) Hexachlorobenzene	16.76	284	136225	22.252 ng/ul	99
67) Atrazine	16.90	200	122534	21.405 ng/ul	99
68) Pentachlorophenol	17.10	266	90737	27.213 ng/ul	99
69) Phenanthrene	17.49	178	558160	22.145 ng/ul	100
71) Anthracene	17.58	178	564891	22.097 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.50	216	186792	25.459 ng/uL	99
73) Pentachlorobenzene	15.03	250	178875	24.112 ng/uL	97
74) Carbazole	17.85	167	484238	22.867 ng/ul	99
75) Di-n-butylphthalate	18.41	149	542953	20.803 ng/ul	100
76) Fluoranthene	19.50	202	665879	22.865 ng/ul	98
79) Pyrene	19.87	202	653016	21.978 ng/ul	97
80) Butylbenzylphthalate	20.75	149	238480	20.392 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.63	252	180793	18.008 ng/ul	98
82) Benzo(a)anthracene	21.72	228	677448	22.120 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.63	149	329719	20.663 ng/ul	98
84) Chrysene	21.78	228	639097	22.358 ng/ul	98
86) Di-n-octyl phthalate	22.86	149	576813	23.367 ng/ul	100
87) Benzo(b)fluoranthene	23.97	252	681084	21.753 ng/ul	99
88) Benzo(k)fluoranthene	24.04	252	674605	22.409 ng/ul	99
90) Benzo(a)pyrene	24.86	252	662762	22.214 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.75	276	657860	18.904 ng/ul	99
92) Dibenzo(a,h)anthracene	28.82	278	558504	19.675 ng/ul	99
93) Benzo(g,h,i)perylene	29.92	276	469872	16.172 ng/ul	98

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

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