Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081019\
Data File : BG042120.D
Acq On : 10 Aug 2019 10:33
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
Sohil
8/13/2019 8:25:10 AM

Quant Time: Aug 10 23:36:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 09 16:22:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	71398	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	299269	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	201522	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	450788	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	443061	20.00	ng/ul	0.00
85) Perylene-d12	25.00	264	506528	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	10647	6.52	ng/uL	0.00
5) Phenol-d5	7.18	99	111930	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	57010	18.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	101479	21.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.74	113	92907	19.75	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	47331m	21.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	59600	22.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	117749	22.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	121376	20.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	328158	21.00	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	403030	22.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	52227	19.90	ng/ul	0.00
57) Fluorene-d10	15.68	176	300277	21.59	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	57739	19.96	ng/ul	0.00
70) Anthracene-d10	17.54	188	459035	21.22	ng/ul	0.00
78) Pyrene-d10	19.83	212	515987	20.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.77	264	581008	21.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	10504	6.213	ng/uL#	87
4) Benzaldehyde	7.15	77	47925	18.102	ng/ul	94
6) Phenol	7.21	94	109538	18.939	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	78087	17.747	ng/ul	94
10) 2-Chlorophenol	7.59	128	96170	19.805	ng/ul	94
11) 2-Methylphenol	8.47	108	87033	18.769	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.56	45	114931	15.442	ng/ul#	94
14) Acetophenone	8.85	105	134191	18.547	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.84	70	62997	16.482	ng/ul	98
16) 4-Methylphenol	8.80	108	92293	18.423	ng/ul	95
17) Hexachloroethane	9.12	117	35641	17.725	ng/ul	91
20) Nitrobenzene	9.23	77	94106	18.341	ng/ul	95
21) Isophorone	9.77	82	172974	16.908	ng/ul	94
23) 2-Nitrophenol	9.96	139	60137	21.520	ng/ul	92
24) 2,4-Dimethylphenol	10.01	107	106214	19.264	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	109118	17.966	ng/ul	97
27) 2,4-Dichlorophenol	10.50	162	108175	20.659	ng/ul	98
28) Naphthalene	10.90	128	299549	19.579	ng/ul	98
30) 4-Chloroaniline	11.01	127	119414	20.279	ng/ul	94
31) Hexachlorobutadiene	11.20	225	81322	20.456	ng/ul	98
32) Caprolactam	11.77	113	28956m	17.092	ng/ul	
33) 4-Chloro-3-methylphenol	12.14	107	100515	19.483	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	239623	19.705	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	158305	21.971 ng/ul	98
37) Hexachlorocyclopentadiene	12.86	237	58280	12.812 ng/ul#	97
38) 2,4,6-Trichlorophenol	13.12	196	100202	22.471 ng/ul	96
39) 2,4,5-Trichlorophenol	13.19	196	107618	21.637 ng/ul	100
40) 1,1'-Biphenyl	13.52	154	305560	20.853 ng/ul	96
41) 2-Chloronaphthalene	13.56	162	255369	21.643 ng/ul	99
42) 2-Nitroaniline	13.76	65	56035	18.154 ng/ul	90
44) Dimethylphthalate	14.13	163	307335	19.804 ng/ul	97
45) 2,6-Dinitrotoluene	14.26	165	70102	20.768 ng/ul	94
47) Acenaphthylene	14.41	152	365289	20.271 ng/ul	99
48) 3-Nitroaniline	14.59	138	57026	21.184 ng/ul	96
49) Acenaphthene	14.75	153	257080	20.403 ng/ul	98
50) 2,4-Dinitrophenol	14.80	184	33639	18.213 ng/ul	98
52) 4-Nitrophenol	14.90	109	34304	17.640 ng/ul	95
53) Dibenzofuran	15.08	168	384117	20.427 ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	98788	20.128 ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	15.31	232	97323	20.647 ng/ul	98
56) Diethylphthalate	15.50	149	294376	19.069 ng/ul	98
58) Fluorene	15.74	166	304954	20.134 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	180042	20.470 ng/ul	99
60) 4-Nitroaniline	15.75	138	56027	18.681 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	59148	18.983 ng/ul	99
64) N-Nitrosodiphenylamine	15.94	169	280243	20.954 ng/ul	98
65) 4-Bromophenyl-phenylether	16.62	248	124102	20.795 ng/ul	96
66) Hexachlorobenzene	16.75	284	128640	21.462 ng/ul	93
67) Atrazine	16.89	200	104538	18.651 ng/ul	97
68) Pentachlorophenol	17.09	266	73897	22.636 ng/ul	98
69) Phenanthrene	17.48	178	499671	20.247 ng/ul	100
71) Anthracene	17.58	178	507740	20.285 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	161486	22.480 ng/uL	97
73) Pentachlorobenzene	15.01	250	163179	22.466 ng/uL	99
74) Carbazole	17.84	167	428733	20.678 ng/ul	99
75) Di-n-butylphthalate	18.40	149	485776	19.010 ng/ul	97
76) Fluoranthene	19.49	202	608503	21.340 ng/ul	97
79) Pyrene	19.86	202	601940	20.197 ng/ul	98
80) Butylbenzylphthalate	20.74	149	218073	18.590 ng/ul	96
81) 3,3'-Dichlorobenzidine	21.61	252	231924	23.031 ng/ul	98
82) Benzo(a)anthracene	21.71	228	623992	20.313 ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.61	149	289083	18.061 ng/ul	99
84) Chrysene	21.77	228	581094	20.267 ng/ul	98
86) Di-n-octyl phthalate	22.85	149	506468	20.209 ng/ul	100
87) Benzo(b)fluoranthene	23.96	252	621644	19.556 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	632571	20.697 ng/ul	99
90) Benzo(a)pyrene	24.84	252	604336	19.951 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	28.73	276	646053	18.286 ng/ul	97
92) Dibenzo(a,h)anthracene	28.79	278	540341	18.750 ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	493994	16.747 ng/ul	98

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

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