Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080719\
Data File : BG042047.D
Acq On : 8 Aug 2019 1:17
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02091

Quant Time: Aug 08 02:04:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 08 01:36:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	80449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	341982	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	233044	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	537003	20.00	ng/ul	0.00
77) Chrysene-d12	21.73	240	520591	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	612118	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	12814	6.97	ng/uL	0.00
5) Phenol-d5	7.18	99	131716	20.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	68670	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	119291	22.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	112008	21.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	57768	22.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	70323	23.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	139880	23.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	148103	22.12	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	400018	22.13	ng/ul	0.00
46) Acenaphthylene-d8	14.38	160	497896	24.12	ng/ul	0.00
51) 4-Nitrophenol-d4	14.87	143	64991	21.41	ng/ul	0.00
57) Fluorene-d10	15.68	176	365462	22.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	73692	21.39	ng/ul	0.00
70) Anthracene-d10	17.54	188	556109	21.58	ng/ul	0.00
78) Pyrene-d10	19.83	212	626023	21.55	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	722942	22.61	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	13150	6.903	ng/uL#	86
4) Benzaldehyde	7.15	77	56153	18.824	ng/ul	88
6) Phenol	7.21	94	126526	19.415	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.44	93	92920	18.742	ng/ul	93
10) 2-Chlorophenol	7.59	128	109763	20.061	ng/ul	96
11) 2-Methylphenol	8.47	108	102295	19.578	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.56	45	133165	15.878	ng/ul#	95
14) Acetophenone	8.85	105	160525	19.691	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.83	70	75350	17.496	ng/ul	98
16) 4-Methylphenol	8.80	108	109086	19.326	ng/ul	95
17) Hexachloroethane	9.12	117	43102	19.024	ng/ul	81
20) Nitrobenzene	9.23	77	108563	18.516	ng/ul	95
21) Isophorone	9.76	82	213713	18.281	ng/ul	96
23) 2-Nitrophenol	9.95	139	69051	21.623	ng/ul	95
24) 2,4-Dimethylphenol	10.01	107	121246	19.244	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.25	93	129513	18.660	ng/ul	99
27) 2,4-Dichlorophenol	10.49	162	122128	20.410	ng/ul	97
28) Naphthalene	10.90	128	349031	19.964	ng/ul	99
30) 4-Chloroaniline	11.00	127	138914	20.644	ng/ul	98
31) Hexachlorobutadiene	11.20	225	96501	21.242	ng/ul	98
32) Caprolactam	11.75	113	37548	19.396	ng/ul	82
33) 4-Chloro-3-methylphenol	12.13	107	114501	19.422	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	280526	20.187	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	184781	22.176 ng/ul#	98
37) Hexachlorocyclopentadiene	12.86	237	93690	17.810 ng/ul#	91
38) 2,4,6-Trichlorophenol	13.12	196	116995	22.689 ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	128009	22.256 ng/ul	99
40) 1,1'-Biphenyl	13.52	154	359093	21.191 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	293465	21.508 ng/ul	98
42) 2-Nitroaniline	13.76	65	68436	19.173 ng/ul	87
44) Dimethylphthalate	14.13	163	364824	20.329 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	85568	21.921 ng/ul	95
47) Acenaphthylene	14.41	152	426638	20.473 ng/ul	99
48) 3-Nitroaniline	14.58	138	71682	23.027 ng/ul	96
49) Acenaphthene	14.75	153	308623	21.181 ng/ul	100
50) 2,4-Dinitrophenol	14.79	184	41411	19.388 ng/ul	94
52) 4-Nitrophenol	14.89	109	43958	19.546 ng/ul	92
53) Dibenzofuran	15.09	168	452613	20.813 ng/ul	100
54) 2,4-Dinitrotoluene	15.04	165	118753	20.924 ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.31	232	117678	21.589 ng/ul#	97
56) Diethylphthalate	15.50	149	355933	19.938 ng/ul	97
58) Fluorene	15.74	166	361817	20.657 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.73	204	214291	21.069 ng/ul	98
60) 4-Nitroaniline	15.74	138	75179	21.677 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.81	198	74152	19.977 ng/ul#	95
64) N-Nitrosodiphenylamine	15.94	169	329818	20.702 ng/ul	99
65) 4-Bromophenyl-phenylether	16.63	248	151169	21.264 ng/ul	95
66) Hexachlorobenzene	16.75	284	150193	21.035 ng/ul	96
67) Atrazine	16.89	200	133625	20.013 ng/ul	98
68) Pentachlorophenol	17.09	266	90435	23.254 ng/ul	98
69) Phenanthrene	17.48	178	591875	20.133 ng/ul	99
71) Anthracene	17.57	178	590790	19.814 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.49	216	189411	22.134 ng/uL	96
73) Pentachlorobenzene	15.01	250	190570	22.025 ng/uL	97
74) Carbazole	17.84	167	513631	20.796 ng/ul	100
75) Di-n-butylphthalate	18.41	149	597641	19.633 ng/ul	99
76) Fluoranthene	19.49	202	719067	21.169 ng/ul	98
79) Pyrene	19.86	202	701766	20.040 ng/ul	98
80) Butylbenzylphthalate	20.74	149	267342	19.396 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.61	252	257072	21.726 ng/ul#	96
82) Benzo(a)anthracene	21.70	228	728078	20.171 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	379439	20.176 ng/ul	99
84) Chrysene	21.77	228	680881	20.211 ng/ul	98
86) Di-n-octyl phthalate	22.84	149	655715	21.651 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	764901	19.912 ng/ul	98
88) Benzo(k)fluoranthene	24.02	252	751005	20.334 ng/ul	99
90) Benzo(a)pyrene	24.83	252	745678	20.371 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.71	276	886019	20.752 ng/ul	99
92) Dibenzo(a,h)anthracene	28.78	278	727709	20.895 ng/ul	98
93) Benzo(g,h,i)perylene	29.89	276	731903	20.532 ng/ul	97

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

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