Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102120\
Data File : BG047015.D
Acq On : 21 Oct 2020 15:18
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02044

Manual Integrations APPROVED
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10/22/2020 1:00:45 PM

Quant Time: Oct 21 16:55:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 21 12:10:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	62148	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	253011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	183140	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	422461	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	429682	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	419197	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	10147	7.25	ng/uL	0.00
5) Phenol-d5	7.22	99	116169	21.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	67091	21.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	86244	21.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	94296	21.54	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	44604	20.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	50809	20.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	103590	21.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	106088	19.18	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	301618	19.83	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	363840	20.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	49327	18.81	ng/ul	0.00
58) Fluorene-d10	15.69	176	285533	20.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	56917	19.56	ng/ul	0.00
71) Anthracene-d10	17.54	188	425236	20.78	ng/ul	0.00
79) Pyrene-d10	19.82	212	504875	21.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	497109	21.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	12006	7.192	ng/uL#	83
4) Benzaldehyde	7.20	77	47833	14.997	ng/ul	91
6) Phenol	7.25	94	117614	20.478	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.48	93	88991	20.446	ng/ul	98
10) 2-Chlorophenol	7.63	128	89774	21.739	ng/ul	99
11) 2-Methylphenol	8.50	108	87627	20.479	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.59	45	137611	22.104	ng/ul	99
14) Acetophenone	8.89	105	145268	20.686	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.87	70	76422	20.749	ng/ul	98
16) 4-Methylphenol	8.83	108	91603	20.170	ng/ul	96
17) Hexachloroethane	9.16	117	40617	21.587	ng/ul	95
20) Nitrobenzene	9.27	77	121007	20.855	ng/ul	95
21) Isophorone	9.79	82	212747	19.925	ng/ul	96
23) 2-Nitrophenol	9.98	139	56087	21.819	ng/ul	98
24) 2,4-Dimethylphenol	10.04	107	107962	19.909	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.27	93	119557	19.636	ng/ul	98
27) 2,4-Dichlorophenol	10.52	162	99239	20.735	ng/ul	97
28) Naphthalene	10.93	128	299894	20.541	ng/ul	99
30) 4-Chloroaniline	11.03	127	105197	19.872	ng/ul	100
31) Hexachlorobutadiene	11.21	225	84785	20.790	ng/ul	97
32) Caprolactam	11.78	113	31362m	19.362	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	100608	20.091	ng/ul	91
34) 2-Methylnaphthalene	12.53	142	225499	21.008	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.75	142	217108	20.507 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	155586	21.784 ng/ul	99
38) Hexachlorocyclopentadiene	12.88	237	81453	17.174 ng/ul#	90
39) 2,4,6-Trichlorophenol	13.13	196	92922	21.140 ng/ul	91
40) 2,4,5-Trichlorophenol	13.20	196	93747	20.203 ng/ul	98
41) 1,1'-Biphenyl	13.53	154	307416	20.810 ng/ul	99
42) 2-Chloronaphthalene	13.57	162	243529	20.576 ng/ul	98
43) 2-Nitroaniline	13.77	65	75113	21.154 ng/ul	98
45) Dimethylphthalate	14.14	163	308419	19.555 ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	67082	20.807 ng/ul	97
48) Acenaphthylene	14.42	152	355051	20.255 ng/ul	97
49) 3-Nitroaniline	14.60	138	49044	18.352 ng/ul	99
50) Acenaphthene	14.76	153	252024	20.504 ng/ul	99
51) 2,4-Dinitrophenol	14.80	184	37027	18.194 ng/ul	91
53) 4-Nitrophenol	14.90	109	52567	19.102 ng/ul	99
54) Dibenzofuran	15.10	168	367136	20.100 ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	93258	20.153 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.32	232	94558m	20.573 ng/ul	
57) Diethylphthalate	15.51	149	309794	19.692 ng/ul	98
59) Fluorene	15.74	166	300149	20.025 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.73	204	173985	19.917 ng/ul	96
61) 4-Nitroaniline	15.75	138	51549	17.290 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.81	198	59057	18.875 ng/ul#	88
65) N-Nitrosodiphenylamine	15.94	169	264412	21.329 ng/ul	95
66) 4-Bromophenyl-phenylether	16.63	248	123961	21.997 ng/ul	98
67) Hexachlorobenzene	16.75	284	129092	21.993 ng/ul	96
68) Atrazine	16.89	200	117160	21.395 ng/ul	91
69) Pentachlorophenol	17.09	266	71696	19.680 ng/ul	97
70) Phenanthrene	17.48	178	503420	20.825 ng/ul	99
72) Anthracene	17.58	178	512312	20.981 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	150351	22.392 ng/uL	94
74) Pentachlorobenzene	15.01	250	150836	21.892 ng/uL	95
75) Carbazole	17.84	167	415322	21.181 ng/ul	100
76) Di-n-butylphthalate	18.39	149	528771	20.608 ng/ul	100
77) Fluoranthene	19.49	202	635671	21.534 ng/ul	99
80) Pyrene	19.85	202	618813	21.280 ng/ul	99
81) Butylbenzylphthalate	20.73	149	231626	21.888 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.60	252	194694	19.370 ng/ul	97
83) Benzo(a)anthracene	21.69	228	619492	20.889 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.59	149	326521	21.609 ng/ul	96
85) Chrysene	21.76	228	591787	20.682 ng/ul	98
87) Di-n-octyl phthalate	22.81	149	544149	22.585 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	632073	21.737 ng/ul	98
89) Benzo(k)fluoranthene	23.99	252	596265	21.263 ng/ul	97
91) Benzo(a)pyrene	24.80	252	558820	21.376 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.65	276	692233	21.615 ng/ul	98
93) Dibenzo(a,h)anthracene	28.71	278	573778	21.605 ng/ul	98
94) Benzo(g,h,i)perylene	29.80	276	581437	21.629 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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