Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121120\
Data File : BG047715.D
Acq On : 11 Dec 2020 14:21
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SICV007

Manual Integrations APPROVED
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12/14/2020 2:44:08 PM

Quant Time: Dec 11 15:13:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG121120.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 11 14:20:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	26736	20.00	ng/ul	0.00
20) Naphthalene-d8	11.03	136	105983	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.83	164	80774	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.56	188	203564	20.00	ng/ul	0.00
79) Chrysene-d12	21.84	240	208605	20.00	ng/ul	0.00
88) Perylene-d12	25.20	264	220639	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	4429	7.29	ng/uL	0.00
4) Pyridine-d5	3.96	84	35095	20.34	ng/ul	0.00
7) Phenol-d5	7.34	99	46995	20.95	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.51	67	25664	21.72	ng/ul	0.00
11) 2-Chlorophenol-d4	7.73	132	35750	21.08	ng/ul	0.00
15) 4-Methylphenol-d8	8.90	113	38015	22.29	ng/ul	0.00
21) Nitrobenzene-d5	9.37	128	17489	19.61	ng/ul	0.00
24) 2-Nitrophenol-d4	10.10	143	21576	21.25	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.64	165	42236	19.70	ng/ul	0.00
31) 4-Chloroaniline-d4	11.15	131	50001	20.04	ng/ul	0.00
46) Dimethylphthalate-d6	14.22	166	136670	20.50	ng/ul	0.00
49) Acenaphthylene-d8	14.53	160	156795	20.57	ng/ul	0.00
54) 4-Nitrophenol-d4	15.00	143	19941	19.64	ng/ul	0.00
60) Fluorene-d10	15.81	176	124568	20.02	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.93	200	25994	18.66	ng/ul	0.00
73) Anthracene-d10	17.66	188	204639	20.68	ng/ul	0.00
81) Pyrene-d10	19.93	212	244184	21.62	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.96	264	253653	20.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	4763m	7.597	ng/uL	
5) Pyridine	3.98	79	35405	21.881	ng/ul#	78
6) Benzaldehyde	7.33	77	19193m	18.625	ng/ul	
8) Phenol	7.37	94	47150	21.394	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.61	93	34373	22.424	ng/ul	91
12) 2-Chlorophenol	7.76	128	35460	21.073	ng/ul	94
13) 2-Methylphenol	8.64	108	34881	20.804	ng/ul	87
14) 2,2'-oxybis(1-Chloropropan	8.73	45	31974	22.412	ng/ul	97
16) Acetophenone	9.03	105	59769	20.860	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.01	70	33994	21.608	ng/ul	95
18) 4-Methylphenol	8.96	108	37978	20.640	ng/ul	90
19) Hexachloroethane	9.30	117	18042	21.896	ng/ul	94
22) Nitrobenzene	9.41	77	52245	19.675	ng/ul#	84
23) Isophorone	9.94	82	93806	20.339	ng/ul	97
25) 2-Nitrophenol	10.13	139	22060	20.797	ng/ul	94
26) 2,4-Dimethylphenol	10.18	107	52209	20.968	ng/ul	89
27) Bis(2-Chloroethoxy)methane	10.42	93	44541	20.234	ng/ul	95
29) 2,4-Dichlorophenol	10.67	162	41613	21.154	ng/ul	98
30) Naphthalene	11.08	128	118383	20.217	ng/ul	97
32) 4-Chloroaniline	11.18	127	47790	20.034	ng/ul	99
33) Hexachlorobutadiene	11.37	225	41864	19.818	ng/ul#	87
34) Caprolactam	11.93	113	13529m	20.303	ng/ul	

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35) 4-Chloro-3-methylphenol	12.28	107	44574	20.557	ng/ul#	87
36) 2-Methylnaphthalene	12.68	142	90020	20.373	ng/ul	98
37) 1-Methylnaphthalene	12.89	142	86198	20.418	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	67176	20.194	ng/ul	88
40) Hexachlorocyclopentadiene	13.02	237	41691	19.115	ng/ul	97
41) 2,4,6-Trichlorophenol	13.27	196	41031	20.569	ng/ul	94
42) 2,4,5-Trichlorophenol	13.34	196	41179	19.491	ng/ul#	93
43) 1,1'-Biphenyl	13.66	154	126617	20.295	ng/ul	98
44) 2-Chloronaphthalene	13.72	162	98158	19.988	ng/ul	97
45) 2-Nitroaniline	13.90	65	35127	20.824	ng/ul	93
47) Dimethylphthalate	14.27	163	138158	20.226	ng/ul	97
48) 2,6-Dinitrotoluene	14.39	165	28849	19.990	ng/ul#	92
50) Acenaphthylene	14.56	152	148073	20.614	ng/ul	95
51) 3-Nitroaniline	14.72	138	17463	16.853	ng/ul#	99
52) Acenaphthene	14.89	153	104994	20.567	ng/ul	97
53) 2,4-Dinitrophenol	14.93	184	15732	18.377	ng/ul	95
55) 4-Nitrophenol	15.01	109	33700	19.574	ng/ul	95
56) Dibenzofuran	15.23	168	150723	20.382	ng/ul	99
57) 2,4-Dinitrotoluene	15.17	165	43190	20.881	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.44	232	40631	20.767	ng/ul#	94
59) Diethylphthalate	15.62	149	134858	19.944	ng/ul	99
61) Fluorene	15.87	166	127522	20.063	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.85	204	78160	19.662	ng/ul	97
63) 4-Nitroaniline	15.87	138	14888	15.283	ng/ul#	92
66) 4,6-Dinitro-2-methylphenol	15.94	198	27781	19.644	ng/ul#	92
67) N-Nitrosodiphenylamine	16.07	169	113964	20.120	ng/ul	94
68) 4-Bromophenyl-phenylether	16.75	248	54214	20.743	ng/ul	95
69) Hexachlorobenzene	16.87	284	58924	20.537	ng/ul	92
70) Atrazine	17.00	200	53669	19.890	ng/ul	99
71) Pentachlorophenol	17.21	266	22807	16.911	ng/ul	93
72) Phenanthrene	17.61	178	222141	20.097	ng/ul	98
74) Anthracene	17.70	178	224202	20.304	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.64	216	68706	20.826	ng/uL	94
76) Pentachlorobenzene	15.14	250	67887	21.088	ng/uL	96
77) Carbazole	17.96	167	185513	20.609	ng/ul	98
78) Di-n-butylphthalate	18.50	149	224980	20.378	ng/ul	99
80) Fluoranthene	19.60	202	310647	21.727	ng/ul	99
82) Pyrene	19.96	202	299632	21.228	ng/ul#	98
83) Butylbenzylphthalate	20.83	149	103012	20.921	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.72	252	104471	20.340	ng/ul	91
85) Benzo(a)anthracene	21.82	228	306712	20.830	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.70	149	142925	21.059	ng/ul#	96
87) Chrysene	21.89	228	285293	20.419	ng/ul	97
89) Di-n-octyl phthalate	22.96	149	243966	21.011	ng/ul	100
90) Benzo(b)fluoranthene	24.13	252	319456m	20.715	ng/ul	
91) Benzo(k)fluoranthene	24.19	252	318064	20.876	ng/ul	99
93) Benzo(a)pyrene	25.04	252	285205	20.971	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.03	276	341548	20.295	ng/ul#	96
95) Dibenzo(a,h)anthracene	29.10	278	294415	21.065	ng/ul#	98
96) Benzo(g,h,i)perylene	30.24	276	278249	20.075	ng/ul#	91

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

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