Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011321\
Data File : BG047911.D
Acq On : 13 Jan 2021 16:32
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SICV007

Manual Integrations APPROVED
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1/14/2021 3:49:47 PM

Quant Time: Jan 13 18:04:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 15:41:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	69037	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	269677	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.77	164	188877	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	472310	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	500185	20.00	ng/ul	0.00
88) Perylene-d12	25.11	264	491251	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	16050	8.15	ng/uL	0.00
4) Pyridine-d5	3.97	84	104340	19.93	ng/ul	0.00
7) Phenol-d5	7.29	99	126026	21.18	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	82615	21.84	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	96574	21.25	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	100639	21.41	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	40557	24.07	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	42263	23.70	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	105224	21.93	ng/ul	0.00
31) 4-Chloroaniline-d4	11.10	131	148241	23.15	ng/ul	0.00
46) Dimethylphthalate-d6	14.17	166	329708	21.17	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	387806	21.06	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	51424	22.42	ng/ul	0.00
60) Fluorene-d10	15.77	176	298238	21.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	44008	20.79	ng/ul	0.00
73) Anthracene-d10	17.62	188	475556	21.01	ng/ul	0.00
81) Pyrene-d10	19.89	212	580779	21.34	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.88	264	608819	22.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	16552	8.036	ng/uL#	83
5) Pyridine	4.00	79	116020	21.865	ng/ul	96
6) Benzaldehyde	7.29	77	47208	17.537	ng/ul	96
8) Phenol	7.32	94	126972	21.127	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.56	93	100424	21.659	ng/ul	97
12) 2-Chlorophenol	7.71	128	93091	20.760	ng/ul	98
13) 2-Methylphenol	8.58	108	96870	20.958	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.68	45	147588	21.181	ng/ul	97
16) Acetophenone	8.97	105	151203	20.922	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.96	70	87144	20.674	ng/ul#	95
18) 4-Methylphenol	8.91	108	104294	21.737	ng/ul	95
19) Hexachloroethane	9.25	117	42562	21.420	ng/ul	91
22) Nitrobenzene	9.36	77	124036	24.536	ng/ul	96
23) Isophorone	9.88	82	252413	21.331	ng/ul	97
25) 2-Nitrophenol	10.07	139	48698	24.287	ng/ul	99
26) 2,4-Dimethylphenol	10.12	107	119824	21.499	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.37	93	134459	21.267	ng/ul	92
29) 2,4-Dichlorophenol	10.60	162	96272	21.939	ng/ul	98
30) Naphthalene	11.02	128	311447	21.498	ng/ul	96
32) 4-Chloroaniline	11.12	127	134371	22.939	ng/ul	97
33) Hexachlorobutadiene	11.31	225	80860	20.343	ng/ul	88
34) Caprolactam	11.86	113	37572m	23.113	ng/ul	

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35) 4-Chloro-3-methylphenol	12.22	107	110895	22.345	ng/ul	98
36) 2-Methylnaphthalene	12.62	142	233963	21.623	ng/ul	99
37) 1-Methylnaphthalene	12.83	142	223879	21.652	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	148185	20.678	ng/ul	97
40) Hexachlorocyclopentadiene	12.96	237	89010	20.465	ng/ul	99
41) 2,4,6-Trichlorophenol	13.20	196	95237	22.553	ng/ul	98
42) 2,4,5-Trichlorophenol	13.27	196	101553	22.745	ng/ul	90
43) 1,1'-Biphenyl	13.61	154	309070	20.918	ng/ul	99
44) 2-Chloronaphthalene	13.66	162	237114	20.619	ng/ul	95
45) 2-Nitroaniline	13.84	65	69894	25.812	ng/ul	89
47) Dimethylphthalate	14.22	163	342501	21.526	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	58301	24.515	ng/ul	92
50) Acenaphthylene	14.50	152	368082	20.823	ng/ul	98
51) 3-Nitroaniline	14.66	138	39679	19.001	ng/ul#	98
52) Acenaphthene	14.84	153	269755	20.976	ng/ul	97
53) 2,4-Dinitrophenol	14.86	184	29477	19.901	ng/ul#	46
55) 4-Nitrophenol	14.95	109	58930	24.239	ng/ul	95
56) Dibenzofuran	15.17	168	368536	21.181	ng/ul	96
57) 2,4-Dinitrotoluene	15.12	165	81619	24.745	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.39	232	94683	23.221	ng/ul	95
59) Diethylphthalate	15.58	149	340687	21.481	ng/ul	99
61) Fluorene	15.82	166	313957	21.282	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.81	204	176436	20.835	ng/ul	95
63) 4-Nitroaniline	15.82	138	36013	16.995	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	15.88	198	49888	21.291	ng/ul	99
67) N-Nitrosodiphenylamine	16.02	169	282949	20.684	ng/ul	99
68) 4-Bromophenyl-phenylether	16.71	248	120005	20.615	ng/ul	96
69) Hexachlorobenzene	16.82	284	125151	21.025	ng/ul	99
70) Atrazine	16.96	200	125889	21.897	ng/ul	99
71) Pentachlorophenol	17.16	266	78111	21.573	ng/ul	99
72) Phenanthrene	17.56	178	539766	21.103	ng/ul	98
74) Anthracene	17.65	178	539189	21.087	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	153762	20.667	ng/uL	98
76) Pentachlorobenzene	15.09	250	146739	20.238	ng/uL	98
77) Carbazole	17.91	167	480794	22.827	ng/ul	99
78) Di-n-butylphthalate	18.47	149	611537	22.096	ng/ul	99
80) Fluoranthene	19.56	202	751212	21.862	ng/ul	99
82) Pyrene	19.92	202	734012	21.736	ng/ul	97
83) Butylbenzylphthalate	20.81	149	269968	22.725	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.69	252	247149	21.275	ng/ul	99
85) Benzo(a)anthracene	21.78	228	759245	21.704	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.69	149	400961	22.749	ng/ul	96
87) Chrysene	21.85	228	720901	21.432	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	674671	24.179	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	774161	22.853	ng/ul	99
91) Benzo(k)fluoranthene	24.13	252	727859	21.914	ng/ul	99
93) Benzo(a)pyrene	24.96	252	676018	22.135	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.89	276	838925	22.242	ng/ul	98
95) Dibenzo(a,h)anthracene	28.97	278	682389	22.165	ng/ul	95
96) Benzo(g,h,i)perylene	30.07	276	680829	21.936	ng/ul	98

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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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