Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011421\
Data File : BG047920.D
Acq On : 14 Jan 2021 17:31
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020009

Manual Integrations APPROVED
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1/18/2021 3:35:39 PM

Quant Time: Jan 14 18:12:19 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	8.16	152	79102	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	315469	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	213326	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	532580	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	533487	20.00	ng/ul	0.00
88) Perylene-d12	25.12	264	525890	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	18120	8.03	ng/uL	0.00
4) Pyridine-d5	3.98	84	125474	20.92	ng/ul	0.00
7) Phenol-d5	7.29	99	140839	20.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	94170	21.73	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	108512	20.84	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	113091	21.00	ng/ul	0.00
21) Nitrobenzene-d5	9.31	128	47046	23.86	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	49050	23.51	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	117405	20.92	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	163569	21.84	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	376279	21.39	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	435573	20.94	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	60647	23.41	ng/ul	0.00
60) Fluorene-d10	15.77	176	333216	21.23	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.86	200	50056	20.98	ng/ul	0.00
73) Anthracene-d10	17.62	188	532572	20.87	ng/ul	0.00
81) Pyrene-d10	19.89	212	630322	21.72	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	634957	21.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	19050	8.072	ng/uL#	82
5) Pyridine	4.00	79	129912	21.368	ng/ul	94
6) Benzaldehyde	7.29	77	51740	16.775	ng/ul	97
8) Phenol	7.32	94	144538	20.990	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.57	93	114879	21.624	ng/ul	97
12) 2-Chlorophenol	7.71	128	105106	20.457	ng/ul	99
13) 2-Methylphenol	8.58	108	107078	20.219	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.69	45	171828	21.522	ng/ul	99
16) Acetophenone	8.97	105	174699	21.097	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.96	70	102352	21.192	ng/ul	93
18) 4-Methylphenol	8.91	108	115774	21.060	ng/ul	98
19) Hexachloroethane	9.25	117	46114	20.254	ng/ul	94
22) Nitrobenzene	9.35	77	143982	24.347	ng/ul	93
23) Isophorone	9.88	82	289441	20.909	ng/ul	96
25) 2-Nitrophenol	10.07	139	54922	23.415	ng/ul	99
26) 2,4-Dimethylphenol	10.12	107	137094	21.027	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.36	93	156480	21.158	ng/ul	94
29) 2,4-Dichlorophenol	10.61	162	110036	21.436	ng/ul	99
30) Naphthalene	11.02	128	354779	20.934	ng/ul	99
32) 4-Chloroaniline	11.12	127	151450	22.101	ng/ul	95
33) Hexachlorobutadiene	11.31	225	96522	20.758	ng/ul	98
34) Caprolactam	11.86	113	41079m	21.602	ng/ul	

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35) 4-Chloro-3-methylphenol	12.22	107	126065	21.714	ng/ul	96
36) 2-Methylnaphthalene	12.61	142	266743	21.075	ng/ul	99
37) 1-Methylnaphthalene	12.83	142	254988	21.081	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	168444	20.811	ng/ul	98
40) Hexachlorocyclopentadiene	12.96	237	98568	20.065	ng/ul	99
41) 2,4,6-Trichlorophenol	13.21	196	103481	21.697	ng/ul	97
42) 2,4,5-Trichlorophenol	13.28	196	111401	22.092	ng/ul	96
43) 1,1'-Biphenyl	13.61	154	352236	21.108	ng/ul	97
44) 2-Chloronaphthalene	13.66	162	273137	21.029	ng/ul	96
45) 2-Nitroaniline	13.85	65	80494	26.319	ng/ul	95
47) Dimethylphthalate	14.22	163	378133	21.042	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	69030	25.699	ng/ul	95
50) Acenaphthylene	14.50	152	422469	21.160	ng/ul	99
51) 3-Nitroaniline	14.67	138	45856	19.443	ng/ul#	94
52) Acenaphthene	14.84	153	305910	21.061	ng/ul	95
53) 2,4-Dinitrophenol	14.87	184	33651	20.115	ng/ul#	62
55) 4-Nitrophenol	14.95	109	63428	23.099	ng/ul	95
56) Dibenzofuran	15.18	168	416311	21.184	ng/ul	95
57) 2,4-Dinitrotoluene	15.12	165	97048	26.051	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.39	232	103531	22.481	ng/ul	95
59) Diethylphthalate	15.59	149	386810	21.594	ng/ul	97
61) Fluorene	15.82	166	358990	21.546	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.82	204	201501	21.068	ng/ul	97
63) 4-Nitroaniline	15.82	138	40332	16.852	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.88	198	56481	21.377	ng/ul	95
67) N-Nitrosodiphenylamine	16.02	169	318881	20.673	ng/ul	99
68) 4-Bromophenyl-phenylether	16.71	248	136420	20.783	ng/ul	95
69) Hexachlorobenzene	16.82	284	138862	20.689	ng/ul	98
70) Atrazine	16.97	200	140333	21.647	ng/ul	98
71) Pentachlorophenol	17.16	266	83442	20.437	ng/ul	98
72) Phenanthrene	17.56	178	600058	20.806	ng/ul	97
74) Anthracene	17.66	178	606108	21.022	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	175034	20.864	ng/uL	96
76) Pentachlorobenzene	15.09	250	166142	20.321	ng/uL	95
77) Carbazole	17.91	167	532996	22.442	ng/ul	99
78) Di-n-butylphthalate	18.48	149	672528	21.550	ng/ul	100
80) Fluoranthene	19.57	202	810385	22.111	ng/ul	99
82) Pyrene	19.92	202	790399	21.944	ng/ul	96
83) Butylbenzylphthalate	20.81	149	292477	23.083	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.69	252	248278	20.038	ng/ul	100
85) Benzo(a)anthracene	21.78	228	798619	21.404	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.70	149	418552	22.265	ng/ul	94
87) Chrysene	21.85	228	761162	21.217	ng/ul	98
89) Di-n-octyl phthalate	22.96	149	701101	23.471	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	791594	21.828	ng/ul	99
91) Benzo(k)fluoranthene	24.14	252	779083	21.911	ng/ul	100
93) Benzo(a)pyrene	24.96	252	713460	21.822	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.90	276	876910	21.718	ng/ul	98
95) Dibenzo(a,h)anthracene	28.98	278	725784	22.022	ng/ul	94
96) Benzo(g,h,i)perylene	30.08	276	728639	21.930	ng/ul#	96

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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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