Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011321\
Data File : BG047909.D
Acq On : 13 Jan 2021 13:57
Operator : CG/JU
Sample : SSTD08002
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080002

Manual Integrations APPROVED
mohammad
1/14/2021 3:49:41 PM

Quant Time: Jan 13 15:02:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 13:21:44 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	81342	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	328307	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	213773	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	521662	20.00	ng/ul	0.00
79) Chrysene-d12	21.81	240	490168	20.00	ng/ul	0.00
88) Perylene-d12	25.12	264	512933	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.56	96	67649	36.59	ng/uL	0.00
4) Pyridine-d5	3.97	84	475372	90.57	ng/ul	0.00
7) Phenol-d5	7.30	99	540722	79.24	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.48	67	336014	93.46	ng/ul	0.00
11) 2-Chlorophenol-d4	7.69	132	413511	80.14	ng/ul	0.00
15) 4-Methylphenol-d8	8.86	113	431140	83.08	ng/ul	0.01
21) Nitrobenzene-d5	9.32	128	179581	65.00	ng/ul	0.00
24) 2-Nitrophenol-d4	10.05	143	201444	64.06	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	468238	70.50	ng/ul	0.00
31) 4-Chloroaniline-d4	11.10	131	582654	75.38	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	1286298	72.91	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	1518071	75.24	ng/ul	0.00
54) 4-Nitrophenol-d4	14.96	143	218577	81.34	ng/ul	0.02
60) Fluorene-d10	15.77	176	1147241	69.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.88	200	209760	58.75	ng/ul	0.01
73) Anthracene-d10	17.62	188	1730107	68.21	ng/ul	0.00
81) Pyrene-d10	19.90	212	1930359	72.75	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.90	264	2118707	73.60	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	70540	36.979	ng/uL#	80
5) Pyridine	4.00	79	479798	97.466	ng/ul	98
6) Benzaldehyde	7.29	77	269868	86.075	ng/ul	97
8) Phenol	7.33	94	532399	79.400	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.57	93	408967	87.694	ng/ul	94
12) 2-Chlorophenol	7.72	128	398166	77.774	ng/ul	98
13) 2-Methylphenol	8.59	108	416792	81.705	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.69	45	612683	141.156	ng/ul	98
16) Acetophenone	8.98	105	636082	72.970	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.98	70	370584	77.424	ng/ul#	95
18) 4-Methylphenol	8.92	108	433735	77.481	ng/ul	98
19) Hexachloroethane	9.25	117	178401	71.163	ng/ul	93
22) Nitrobenzene	9.36	77	535790	65.136	ng/ul	95
23) Isophorone	9.90	82	1044188	73.085	ng/ul	97
25) 2-Nitrophenol	10.08	139	224716	68.390	ng/ul	96
26) 2,4-Dimethylphenol	10.13	107	501356	64.999	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.37	93	566598	83.089	ng/ul	95
29) 2,4-Dichlorophenol	10.61	162	409569	67.211	ng/ul	99
30) Naphthalene	11.02	128	1292082	71.232	ng/ul	97
32) 4-Chloroaniline	11.12	127	530656	71.812	ng/ul	95
33) Hexachlorobutadiene	11.31	225	358121	54.727	ng/ul	95
34) Caprolactam	11.90	113	151602m	73.444	ng/ul	

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35) 4-Chloro-3-methylphenol	12.23	107	470012	69.976	ng/ul	96
36) 2-Methylnaphthalene	12.62	142	961723	70.264	ng/ul	97
37) 1-Methylnaphthalene	12.83	142	911360	69.687	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	618816	70.288	ng/ul	99
40) Hexachlorocyclopentadiene	12.96	237	405489	70.249	ng/ul	97
41) 2,4,6-Trichlorophenol	13.21	196	402003	76.145	ng/ul	99
42) 2,4,5-Trichlorophenol	13.28	196	420541	75.213	ng/ul	94
43) 1,1'-Biphenyl	13.62	154	1213807	73.512	ng/ul	97
44) 2-Chloronaphthalene	13.66	162	970203	74.648	ng/ul	96
45) 2-Nitroaniline	13.86	65	311367	69.746	ng/ul	94
47) Dimethylphthalate	14.23	163	1287047	71.196	ng/ul	97
48) 2,6-Dinitrotoluene	14.35	165	261985	68.592	ng/ul	95
50) Acenaphthylene	14.50	152	1428238	75.129	ng/ul	93
51) 3-Nitroaniline	14.67	138	219110	79.900	ng/ul#	93
52) Acenaphthene	14.84	153	1081740	80.065	ng/ul	95
53) 2,4-Dinitrophenol	14.87	184	148930	65.734	ng/ul#	85
55) 4-Nitrophenol	14.97	109	239110	52.476	ng/ul	97
56) Dibenzofuran	15.18	168	1415686	72.337	ng/ul	98
57) 2,4-Dinitrotoluene	15.13	165	361951	66.121	ng/ul	88
58) 2,3,4,6-Tetrachlorophenol	15.40	232	397956	76.853	ng/ul	99
59) Diethylphthalate	15.60	149	1291751	72.183	ng/ul	95
61) Fluorene	15.83	166	1200355	71.358	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.81	204	713030	67.773	ng/ul	95
63) 4-Nitroaniline	15.84	138	219435	85.113	ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.90	198	234040	64.579	ng/ul#	90
67) N-Nitrosodiphenylamine	16.02	169	1096361	75.532	ng/ul	95
68) 4-Bromophenyl-phenylether	16.71	248	495497	73.979	ng/ul	94
69) Hexachlorobenzene	16.82	284	497438	67.653	ng/ul	99
70) Atrazine	16.98	200	481657	69.655	ng/ul	97
71) Pentachlorophenol	17.16	266	326693	94.527	ng/ul	99
72) Phenanthrene	17.56	178	1954006	68.983	ng/ul#	91
74) Anthracene	17.66	178	1924962m	68.025	ng/ul	
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	635734	75.197	ng/uL	98
76) Pentachlorobenzene	15.10	250	610315	73.982	ng/uL	97
77) Carbazole	17.92	167	1703880	73.864	ng/ul	94
78) Di-n-butylphthalate	18.48	149	2027759	71.671	ng/ul#	94
80) Fluoranthene	19.57	202	2412489	71.810	ng/ul	98
82) Pyrene	19.93	202	2265712	68.313	ng/ul#	93
83) Butylbenzylphthalate	20.81	149	943875	81.579	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.69	252	888684	73.634	ng/ul	99
85) Benzo(a)anthracene	21.79	228	2388134	69.023	ng/ul	94
86) Bis(2-ethylhexyl)phthalate	21.70	149	1316506	82.551	ng/ul	99
87) Chrysene	21.85	228	2313295	70.462	ng/ul	91
89) Di-n-octyl phthalate	22.96	149	2251333	83.403	ng/ul	100
90) Benzo(b)fluoranthene	24.07	252	2564999	71.545	ng/ul	96
91) Benzo(k)fluoranthene	24.14	252	2488168	70.249	ng/ul	95
93) Benzo(a)pyrene	24.98	252	2336217	73.891	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.92	276	3015962	77.086	ng/ul	96
95) Dibenzo(a,h)anthracene	29.00	278	2431046	74.818	ng/ul	94
96) Benzo(g,h,i)perylene	30.12	276	2477099m	76.875	ng/ul	

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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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