Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012921\
Data File : BG048072.D
Acq On : 29 Jan 2021 14:15
Operator : CG/JU
Sample : SSTD08004
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080004

Manual Integrations APPROVED
mohammad
2/1/2021 11:49:11 AM

Quant Time: Jan 29 14:53:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG012921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 29 14:00:06 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	48346	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	188606	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	135031	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.49	188	339927	20.00	ng/ul	0.00
79) Chrysene-d12	21.76	240	355536	20.00	ng/ul	0.00
88) Perylene-d12	25.04	264	383806	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	40134	30.34	ng/uL	0.00
4) Pyridine-d5	3.94	84	303302	82.53	ng/ul	0.00
7) Phenol-d5	7.26	99	351977	86.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	206769	79.51	ng/ul	0.00
11) 2-Chlorophenol-d4	7.65	132	251386	81.22	ng/ul	0.00
15) 4-Methylphenol-d8	8.82	113	276941	86.09	ng/ul	0.00
21) Nitrobenzene-d5	9.28	128	129140	95.76	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	158265	118.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.55	165	291940	88.24	ng/ul	0.00
31) 4-Chloroaniline-d4	11.06	131	362849	80.01	ng/ul	0.00
46) Dimethylphthalate-d6	14.14	166	854319	78.00	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	998569	77.01	ng/ul	0.00
54) 4-Nitrophenol-d4	14.93	143	165468	91.70	ng/ul	0.02
60) Fluorene-d10	15.73	176	774480	78.09	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.85	200	197249	118.31	ng/ul	0.01
73) Anthracene-d10	17.59	188	1204601	74.33	ng/ul	0.00
81) Pyrene-d10	19.86	212	1429077	73.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.82	264	1585081	75.28	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.56	88	42020	29.228	ng/uL#	86
5) Pyridine	3.96	79	307516	83.230	ng/ul	95
6) Benzaldehyde	7.25	77	168886	88.790	ng/ul	99
8) Phenol	7.29	94	357875	87.359	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.53	93	268451	83.342	ng/ul	99
12) 2-Chlorophenol	7.68	128	251121	82.970	ng/ul	98
13) 2-Methylphenol	8.55	108	260826	82.588	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.64	45	344177	72.821	ng/ul	98
16) Acetophenone	8.94	105	425533	86.504	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.94	70	237908	81.752	ng/ul	98
18) 4-Methylphenol	8.89	108	273254	82.700	ng/ul	95
19) Hexachloroethane	9.21	117	112730	82.467	ng/ul	97
22) Nitrobenzene	9.33	77	366106	91.464	ng/ul	99
23) Isophorone	9.85	82	663562	82.162	ng/ul	99
25) 2-Nitrophenol	10.04	139	157323	103.262	ng/ul	94
26) 2,4-Dimethylphenol	10.09	107	312582	81.651	ng/ul	95
27) Bis(2-Chloroethoxy)methane	10.33	93	370275	83.794	ng/ul#	96
29) 2,4-Dichlorophenol	10.57	162	277535	90.027	ng/ul	100
30) Naphthalene	10.98	128	814096	79.585	ng/ul	99
32) 4-Chloroaniline	11.09	127	349727	83.103	ng/ul	94
33) Hexachlorobutadiene	11.26	225	234610	85.409	ng/ul	98
34) Caprolactam	11.86	113	99532m	88.802	ng/ul	

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35) 4-Chloro-3-methylphenol	12.20	107	305865	87.989	ng/ul	97
36) 2-Methylnaphthalene	12.58	142	595250	78.398	ng/ul	94
37) 1-Methylnaphthalene	12.80	142	569175	77.900	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	414435	82.575	ng/ul	98
40) Hexachlorocyclopentadiene	12.92	237	286837	99.213	ng/ul	89
41) 2,4,6-Trichlorophenol	13.17	196	283753	98.443	ng/ul	96
42) 2,4,5-Trichlorophenol	13.25	196	299654	95.421	ng/ul	96
43) 1,1'-Biphenyl	13.58	154	780377	75.126	ng/ul	96
44) 2-Chloronaphthalene	13.63	162	661447	81.839	ng/ul	95
45) 2-Nitroaniline	13.82	65	239925	107.180	ng/ul	95
47) Dimethylphthalate	14.19	163	865254	77.073	ng/ul	97
48) 2,6-Dinitrotoluene	14.31	165	197220	100.099	ng/ul	99
50) Acenaphthylene	14.47	152	936848	74.732	ng/ul	97
51) 3-Nitroaniline	14.64	138	156998	93.022	ng/ul	97
52) Acenaphthene	14.81	153	705653	77.136	ng/ul	99
53) 2,4-Dinitrophenol	14.84	184	141500	127.662	ng/ul	96
55) 4-Nitrophenol	14.94	109	172437	93.012	ng/ul	98
56) Dibenzofuran	15.14	168	982960	79.150	ng/ul	96
57) 2,4-Dinitrotoluene	15.10	165	282168	100.572	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	291507	99.572	ng/ul	96
59) Diethylphthalate	15.55	149	900931	80.886	ng/ul	98
61) Fluorene	15.79	166	806192	76.247	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.78	204	497770	82.812	ng/ul	96
63) 4-Nitroaniline	15.81	138	158755	95.833	ng/ul#	81
66) 4,6-Dinitro-2-methylphenol	15.87	198	205790	113.331	ng/ul	100
67) N-Nitrosodiphenylamine	15.99	169	734731	75.590	ng/ul	98
68) 4-Bromophenyl-phenylether	16.67	248	351182	85.634	ng/ul	96
69) Hexachlorobenzene	16.79	284	368782	87.186	ng/ul	97
70) Atrazine	16.94	200	342344	84.603	ng/ul	96
71) Pentachlorophenol	17.13	266	240535	93.135	ng/ul	97
72) Phenanthrene	17.53	178	1398496	75.406	ng/ul	96
74) Anthracene	17.62	178	1388346	74.807	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.54	216	433412	82.298	ng/uL	98
76) Pentachlorobenzene	15.06	250	428607	84.622	ng/uL	95
77) Carbazole	17.89	167	1218469	80.185	ng/ul	98
78) Di-n-butylphthalate	18.44	149	1452179	74.672	ng/ul	98
80) Fluoranthene	19.53	202	1795893	73.083	ng/ul	97
82) Pyrene	19.90	202	1699983	70.224	ng/ul#	96
83) Butylbenzylphthalate	20.77	149	694717	81.866	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.65	252	654293	82.494	ng/ul	98
85) Benzo(a)anthracene	21.74	228	1805603	72.307	ng/ul	93
86) Bis(2-ethylhexyl)phthalate	21.64	149	986647	80.387	ng/ul	96
87) Chrysene	21.81	228	1744197	73.373	ng/ul	92
89) Di-n-octyl phthalate	22.88	149	1631507	77.005	ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	1882035	70.694	ng/ul	97
91) Benzo(k)fluoranthene	24.07	252	1873498	73.644	ng/ul	96
93) Benzo(a)pyrene	24.90	252	1746997	73.596	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.80	276	2238674	76.285	ng/ul	99
95) Dibenzo(a,h)anthracene	28.87	278	1850461	76.430	ng/ul	98
96) Benzo(g,h,i)perylene	29.98	276	1861005	76.618	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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