Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022421\
Data File : BG048310.D
Acq On : 24 Feb 2021 15:53
Operator : CG/JU
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD080005

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Quant Time: Feb 24 16:30:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG022421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 24 15:10:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35852	20.00	ng/ul	0.00
20) Naphthalene-d8	10.93	136	137768	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.74	164	99888	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.49	188	246921	20.00	ng/ul	0.00
79) Chrysene-d12	21.77	240	252934	20.00	ng/ul	0.00
88) Perylene-d12	25.07	264	254885	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.51	96	25174	26.40	ng/uL	0.00
4) Pyridine-d5	3.92	84	200548	72.03	ng/ul	0.00
7) Phenol-d5	7.32	99	258282	77.27	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.44	67	156020	77.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.66	132	180289	74.11	ng/ul	0.00
15) 4-Methylphenol-d8	8.86	113	200224	75.88	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	92699	80.01	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	116313	81.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.57	165	216387	80.32	ng/ul	0.00
31) 4-Chloroaniline-d4	11.08	131	264888	76.77	ng/ul	0.00
46) Dimethylphthalate-d6	14.15	166	637001	76.36	ng/ul	0.00
49) Acenaphthylene-d8	14.44	160	721108	75.11	ng/ul	0.00
54) 4-Nitrophenol-d4	15.03	143	137532m	91.92	ng/ul	0.02
60) Fluorene-d10	15.73	176	576084	77.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.88	200	142988	80.97	ng/ul	0.00
73) Anthracene-d10	17.59	188	909330	76.27	ng/ul	0.00
81) Pyrene-d10	19.87	212	1066605	75.64	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.85	264	1132454	81.27	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	26769	24.923	ng/uL	90
5) Pyridine	3.95	79	212534	74.512	ng/ul	95
6) Benzaldehyde	7.25	77	120051	74.017	ng/ul	96
8) Phenol	7.35	94	268067	79.103	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.53	93	200381	77.155	ng/ul	93
12) 2-Chlorophenol	7.69	128	187689	78.404	ng/ul	98
13) 2-Methylphenol	8.59	108	195615	79.999	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.63	45	273179	81.150	ng/ul#	93
16) Acetophenone	8.95	105	340274	81.216	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.93	70	192212	80.138	ng/ul	98
18) 4-Methylphenol	8.93	108	204115	76.267	ng/ul	89
19) Hexachloroethane	9.19	117	86211	77.863	ng/ul	99
22) Nitrobenzene	9.33	77	291643	84.003	ng/ul	95
23) Isophorone	9.86	82	506341	80.064	ng/ul	95
25) 2-Nitrophenol	10.04	139	119204	83.295	ng/ul	97
26) 2,4-Dimethylphenol	10.12	107	251727	84.117	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.33	93	273049	76.472	ng/ul	96
29) 2,4-Dichlorophenol	10.60	162	210366	81.860	ng/ul	98
30) Naphthalene	10.98	128	604245	77.803	ng/ul	98
32) 4-Chloroaniline	11.11	127	263074	79.688	ng/ul	100
33) Hexachlorobutadiene	11.24	225	183809	83.716	ng/ul	96
34) Caprolactam	11.90	113	72690m	81.300	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.26	107	228323	80.109	ng/ul	94
36) 2-Methylnaphthalene	12.58	142	455193	79.143	ng/ul	91
37) 1-Methylnaphthalene	12.79	142	446773	81.943	ng/ul#	99
39) 1,2,4,5-Tetrachlorobenzene	12.94	216	322511	82.395	ng/ul	95
40) Hexachlorocyclopentadiene	12.91	237	221523	86.490	ng/ul	91
41) 2,4,6-Trichlorophenol	13.20	196	207641	81.539	ng/ul	97
42) 2,4,5-Trichlorophenol	13.29	196	212789	78.402	ng/ul	95
43) 1,1'-Biphenyl	13.58	154	592639	77.635	ng/ul	99
44) 2-Chloronaphthalene	13.62	162	496423	77.684	ng/ul	95
45) 2-Nitroaniline	13.85	65	198739	93.128	ng/ul	94
47) Dimethylphthalate	14.20	163	659128	76.863	ng/ul	97
48) 2,6-Dinitrotoluene	14.33	165	147310	81.195	ng/ul	93
50) Acenaphthylene	14.47	152	697552	75.288	ng/ul	100
51) 3-Nitroaniline	14.67	138	118404	86.560	ng/ul#	94
52) Acenaphthene	14.80	153	526674	78.381	ng/ul	96
53) 2,4-Dinitrophenol	14.89	184	91133	75.227	ng/ul#	91
55) 4-Nitrophenol	15.04	109	139150	88.774	ng/ul	93
56) Dibenzofuran	15.14	168	754157	77.859	ng/ul	97
57) 2,4-Dinitrotoluene	15.13	165	210796	82.244	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.39	232	207092	78.804	ng/ul	96
59) Diethylphthalate	15.55	149	678267	77.954	ng/ul	99
61) Fluorene	15.79	166	608032	77.325	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.77	204	380877	79.607	ng/ul	97
63) 4-Nitroaniline	15.85	138	105975	79.428	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	15.90	198	142884	77.484	ng/ul	97
67) N-Nitrosodiphenylamine	16.00	169	559775	78.453	ng/ul	98
68) 4-Bromophenyl-phenylether	16.67	248	261578	79.831	ng/ul	95
69) Hexachlorobenzene	16.79	284	279041	81.237	ng/ul	97
70) Atrazine	16.95	200	260301	81.413	ng/ul	98
71) Pentachlorophenol	17.16	266	130894	62.689	ng/ul	95
72) Phenanthrene	17.54	178	1064459	76.830	ng/ul	97
74) Anthracene	17.63	178	1063696	75.531	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.55	216	340057	85.145	ng/uL	98
76) Pentachlorobenzene	15.06	250	339969	83.935	ng/uL	98
77) Carbazole	17.91	167	944344	81.782	ng/ul	98
78) Di-n-butylphthalate	18.43	149	1123465	76.499	ng/ul	99
80) Fluoranthene	19.54	202	1346537	74.974	ng/ul	99
82) Pyrene	19.90	202	1295806	73.709	ng/ul	96
83) Butylbenzylphthalate	20.77	149	506245	78.935	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.67	252	469993	79.119	ng/ul	99
85) Benzo(a)anthracene	21.75	228	1340313	75.981	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.63	149	721533	78.825	ng/ul#	98
87) Chrysene	21.82	228	1295445	76.134	ng/ul	95
89) Di-n-octyl phthalate	22.86	149	1213628	84.496	ng/ul	100
90) Benzo(b)fluoranthene	24.02	252	1391785	81.260	ng/ul	100
91) Benzo(k)fluoranthene	24.09	252	1319407	78.873	ng/ul	94
93) Benzo(a)pyrene	24.92	252	1210094	77.463	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.85	276	1580489	81.601	ng/ul	97
95) Dibenzo(a,h)anthracene	28.92	278	1316954	82.037	ng/ul	99
96) Benzo(g,h,i)perylene	30.05	276	1294138	80.098	ng/ul	99

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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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