Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091423\
Data File : BG059065.D
Acq On : 14 Sep 2023 15:11
Operator : MA/JU
Sample : SSTD16018
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD160419

Quant Time: Sep 14 15:47:09 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 14 15:44:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	91706	20.000	ng/ul	0.00
20) Naphthalene-d8	11.149	136	476119	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.933	164	354472	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.689	188	897799	20.000	ng/ul	# 0.00
79) Chrysene-d12	22.019	240	825385	20.000	ng/ul	# 0.01
88) Perylene-d12	25.579	264	951849	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.605	96	135050	61.214	ng/uL	0.00
4) Pyridine-d5	4.040	84	1112470	176.149	ng/ul	0.00
7) Phenol-d5	7.424	99	1601080	170.810	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.630	67	855833	157.584	ng/ul	0.01
11) 2-Chlorophenol-d4	7.824	132	1067788	169.233	ng/ul	0.01
15) 4-Methylphenol-d8	8.999	113	1284985	168.197	ng/ul	0.01
21) Nitrobenzene-d5	9.510	128	573862	158.183	ng/ul	0.01
24) 2-Nitrophenol-d4	10.227	143	699847	158.698	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.750	165	1317878	154.573	ng/ul	0.01
31) 4-Chloroaniline-d4	11.302	131	1690006	144.540	ng/ul	0.02
46) Dimethylphthalate-d6	14.340	166	4034918	138.887	ng/ul	0.01
49) Acenaphthylene-d8	14.645	160	4436121	141.796	ng/ul	0.01
54) 4-Nitrophenol-d4	15.139	143	738730	144.068	ng/ul	0.04
60) Fluorene-d10	15.926	176	3630766	137.447	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.055	200	887627	167.037	ng/ul	0.03
73) Anthracene-d10	17.794	188	5311987	130.732	ng/ul	0.01
81) Pyrene-d10	20.062	212	5784064	126.314	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.344	264	7027083	148.435	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	142771	49.706	ng/uL	92
5) Pyridine	4.064	79	1175881	178.669	ng/ul	91
6) Benzaldehyde	7.448	77	623222	109.540	ng/ul	91
8) Phenol	7.460	94	1695035	166.358	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.724	93	1135452	159.840	ng/ul	89
12) 2-Chlorophenol	7.859	128	1075805	169.322	ng/ul	98
13) 2-Methylphenol	8.729	108	1299785	164.653	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.817	45	1306360	154.051	ng/ul	97
16) Acetophenone	9.163	105	2065130	159.857	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.140	70	1138761	162.756	ng/ul#	94
18) 4-Methylphenol	9.081	108	1449310	166.840	ng/ul	100
19) Hexachloroethane	9.387	117	453413	165.001	ng/ul	89
22) Nitrobenzene	9.557	77	1684000	157.352	ng/ul	99
23) Isophorone	10.080	82	3361295	143.727	ng/ul	99
25) 2-Nitrophenol	10.262	139	667694	153.670	ng/ul	90
26) 2,4-Dimethylphenol	10.286	107	1609727	154.535	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.544	93	1675835	146.252	ng/ul	93
29) 2,4-Dichlorophenol	10.779	162	1248134	160.052	ng/ul	93
30) Naphthalene	11.202	128	3656124	148.160	ng/ul	98
32) 4-Chloroaniline	11.326	127	1607902	144.021	ng/ul	100
33) Hexachlorobutadiene	11.431	225	968837	156.108	ng/ul	90
34) Caprolactam	12.160	113	276907	88.837	ng/ul	97
35) 4-Chloro-3-methylphenol	12.407	107	1569999	150.127	ng/ul	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.783	142	2693759	143.911	ng/ul	94
37) 1-Methylnaphthalene	13.000	142	2758913	144.206	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.129	216	1785079	155.430	ng/ul	95
40) Hexachlorocyclopentadiene	13.076	237	1355007	164.065	ng/ul	94
41) 2,4,6-Trichlorophenol	13.370	196	1202379	156.308	ng/ul	96
42) 2,4,5-Trichlorophenol	13.447	196	1277265	154.885	ng/ul	95
43) 1,1'-Biphenyl	13.776	154	3748573	142.981	ng/ul	91
44) 2-Chloronaphthalene	13.834	162	2990949	148.542	ng/ul	97
45) 2-Nitroaniline	14.052	65	1129854	160.679	ng/ul	98
47) Dimethylphthalate	14.393	163	3762416	135.874	ng/ul	98
48) 2,6-Dinitrotoluene	14.539	165	906635	156.339	ng/ul#	92
50) Acenaphthylene	14.675	152	4512606	133.208	ng/ul#	89
51) 3-Nitroaniline	14.874	138	738391	136.122	ng/ul	90
52) Acenaphthene	15.004	153	3215625	141.069	ng/ul	95
53) 2,4-Dinitrophenol	15.068	184	633537	179.992	ng/ul	94
55) 4-Nitrophenol	15.151	109	1022956	162.951	ng/ul#	85
56) Dibenzofuran	15.339	168	4476241	133.060	ng/ul#	86
57) 2,4-Dinitrotoluene	15.315	165	1274161	152.382	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.544	232	1317671	153.187	ng/ul#	98
59) Diethylphthalate	15.738	149	3796330	133.731	ng/ul	94
61) Fluorene	15.991	166	3828463	134.567	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.967	204	2193899	140.677	ng/ul	94
63) 4-Nitroaniline	15.985	138	59467	11.520	ng/ul#	1
66) 4,6-Dinitro-2-methylph...	16.067	198	897623	156.021	ng/ul	96
67) N-Nitrosodiphenylamine	16.190	169	3248698	142.812	ng/ul	96
68) 4-Bromophenyl-phenylether	16.866	248	1571265	151.148	ng/ul	91
69) Hexachlorobenzene	16.954	284	1713662	150.833	ng/ul	96
70) Atrazine	17.131	200	1261253	121.858	ng/ul	95
71) Pentachlorophenol	17.307	266	1172471	160.678	ng/ul	97
72) Phenanthrene	17.736	178	5613169	125.298	ng/ul#	83
74) Anthracene	17.830	178	5516324	118.999	ng/ul#	82
75) 1,2,3,4-Tetrachloroben...	13.735	216	1934174	164.631	ng/uL	94
76) Pentachlorobenzene	15.233	250	1925376	156.700	ng/uL	91
77) Carbazole	18.106	167	4963622	125.849	ng/ul#	87
78) Di-n-butylphthalate	18.605	149	5187097	114.529	ng/ul#	88
80) Fluoranthene	19.728	202	6083511	120.558	ng/ul#	96
82) Pyrene	20.098	202	6000314	110.500	ng/ul#	92
83) Butylbenzylphthalate	20.950	149	2690501	139.581	ng/ul	89
84) 3,3'-Dichlorobenzidine	21.907	252	2330444	118.328	ng/ul	97
85) Benzo(a)anthracene	21.995	228	7075555	126.048	ng/ul#	85
86) Bis(2-ethylhexyl)phtha...	21.825	149	3784136	135.737	ng/ul#	95
87) Chrysene	22.072	228	6551775	126.143	ng/ul#	83
89) Di-n-octyl phthalate	23.159	149	6192409	128.019	ng/ul	100
90) Benzo(b)fluoranthene	24.440	252	8208304	146.844	ng/ul	97
91) Benzo(k)fluoranthene	24.522	252	7638789	134.157	ng/ul	94
93) Benzo(a)pyrene	25.438	252	7575793	143.873	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.745	276	10068114	153.959	ng/ul#	93
95) Dibenzo(a,h)anthracene	29.839	278	8060434	153.307	ng/ul#	97
96) Benzo(g,h,i)perylene	31.085	276	8064953	153.161	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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