Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030723\
Data File : BG056866.D
Acq On : 7 Mar 2023 11:09
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020461

Quant Time: Mar 08 00:06:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 23:54:44 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	13122	20.000	ng/ul	0.00
20) Naphthalene-d8	11.264	136	55301	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.036	164	44751	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.880	188	123484	20.000	ng/ul	0.10
79) Chrysene-d12	22.110	240	117781	20.000	ng/ul	0.00
88) Perylene-d12	25.671	264	127106	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	3033	8.964	ng/uL	0.00
4) Pyridine-d5	4.137	84	22642	20.569	ng/ul	0.00
7) Phenol-d5	7.545	99	26344	19.588	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	17308	20.489	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	18058	21.454	ng/ul	0.00
15) 4-Methylphenol-d8	9.114	113	20318	20.022	ng/ul	0.00
21) Nitrobenzene-d5	9.595	128	9684	21.113	ng/ul	0.00
24) 2-Nitrophenol-d4	10.330	143	11822	21.787	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.870	165	22410	21.322	ng/ul	0.00
31) 4-Chloroaniline-d4	11.387	131	28936	20.894	ng/ul	0.00
46) Dimethylphthalate-d6	14.425	166	80313	20.981	ng/ul	0.00
49) Acenaphthylene-d8	14.736	160	87038	20.709	ng/ul	0.00
54) 4-Nitrophenol-d4	15.201	143	14146	21.809	ng/ul	0.00
60) Fluorene-d10	16.023	176	74243	20.916	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.123	200	18219	20.415	ng/ul	0.00
73) Anthracene-d10	17.880	188	123484	20.691	ng/ul	0.00
81) Pyrene-d10	20.142	212	156125	21.762	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.424	264	146533	21.054	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.732	88	3411	9.045	ng/uL#	76
5) Pyridine	4.155	79	24708	20.950	ng/ul	93
6) Benzaldehyde	7.545	77	18298	25.848	ng/ul#	87
8) Phenol	7.574	94	27845	20.308	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.815	93	20099	20.866	ng/ul	96
12) 2-Chlorophenol	7.974	128	18137	20.972	ng/ul	91
13) 2-Methylphenol	8.849	108	20180	20.019	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.937	45	28159	21.299	ng/ul	94
16) Acetophenone	9.249	105	35359	20.360	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.219	70	21277	21.064	ng/ul#	90
18) 4-Methylphenol	9.178	108	22481	20.546	ng/ul	91
19) Hexachloroethane	9.525	117	7615	21.321	ng/ul	90
22) Nitrobenzene	9.642	77	30834	21.543	ng/ul	89
23) Isophorone	10.159	82	58001	20.759	ng/ul	99
25) 2-Nitrophenol	10.359	139	11631	20.502	ng/ul	91
26) 2,4-Dimethylphenol	10.400	107	27381	22.016	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.635	93	28683	21.089	ng/ul	96
29) 2,4-Dichlorophenol	10.900	162	21884	21.597	ng/ul	92
30) Naphthalene	11.317	128	63831	20.896	ng/ul	99
32) 4-Chloroaniline	11.411	127	29280	21.579	ng/ul	96
33) Hexachlorobutadiene	11.593	225	17294	21.687	ng/ul#	91
34) Caprolactam	12.210	113	217	0.584	ng/ul	93
35) 4-Chloro-3-methylphenol	12.498	107	24562	20.878	ng/ul	98
36) 2-Methylnaphthalene	12.892	142	46902	21.345	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.109	142	45916	20.914	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	13.250	216	34341	20.767	ng/ul#	97
40) Hexachlorocyclopentadiene	13.226	237	21805	19.392	ng/ul	97
41) 2,4,6-Trichlorophenol	13.479	196	22539	20.930	ng/ul	92
42) 2,4,5-Trichlorophenol	13.550	196	24875	20.752	ng/ul	90
43) 1,1'-Biphenyl	13.873	154	69302	20.677	ng/ul	95
44) 2-Chloronaphthalene	13.926	162	57262	20.721	ng/ul	94
45) 2-Nitroaniline	14.114	65	21515	21.113	ng/ul	93
47) Dimethylphthalate	14.466	163	80235	20.735	ng/ul	99
48) 2,6-Dinitrotoluene	14.595	165	16557	21.278	ng/ul#	86
50) Acenaphthylene	14.766	152	88605	20.861	ng/ul	95
51) 3-Nitroaniline	14.930	138	15478	22.046	ng/ul	99
52) Acenaphthene	15.101	153	61985	20.866	ng/ul	94
53) 2,4-Dinitrophenol	15.130	184	11907	20.874	ng/ul	89
55) 4-Nitrophenol	15.212	109	17462	20.886	ng/ul	90
56) Dibenzofuran	15.436	168	94580	20.827	ng/ul	99
57) 2,4-Dinitrotoluene	15.377	165	24639	20.539	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.653	232	24893	21.550	ng/ul#	97
59) Diethylphthalate	15.823	149	83863	21.442	ng/ul	98
61) Fluorene	16.082	166	76233	21.081	ng/ul	98
62) 4-Chlorophenyl-phenyle...	16.058	204	45506	20.975	ng/ul	97
63) 4-Nitroaniline	16.082	138	16464	23.639	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.141	198	17090	20.009	ng/ul#	88
67) N-Nitrosodiphenylamine	16.270	169	68720	20.723	ng/ul	97
68) 4-Bromophenyl-phenylether	16.957	248	32134	20.980	ng/ul	95
69) Hexachlorobenzene	17.081	284	34147	20.552	ng/ul#	92
70) Atrazine	17.204	200	32252	21.632	ng/ul	98
71) Pentachlorophenol	17.422	266	19320	19.728	ng/ul	99
72) Phenanthrene	17.915	178	141140	21.239	ng/ul	98
74) Anthracene	17.915	178	141140	20.849	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.849	216	35914	20.293	ng/uL	98
76) Pentachlorobenzene	15.353	250	38339	20.750	ng/uL	97
77) Carbazole	18.174	167	122590	21.339	ng/ul	98
78) Di-n-butylphthalate	18.702	149	139304	20.963	ng/ul	100
80) Fluoranthene	19.813	202	183491	21.457	ng/ul	98
82) Pyrene	20.171	202	181772	21.227	ng/ul	99
83) Butylbenzylphthalate	21.035	149	59381	20.909	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.981	252	62987	22.076	ng/ul	100
85) Benzo(a)anthracene	22.087	228	182729	21.222	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.946	149	86035	21.199	ng/ul	96
87) Chrysene	22.163	228	166338	20.847	ng/ul	97
89) Di-n-octyl phthalate	23.273	149	144945	20.939	ng/ul	100
90) Benzo(b)fluoranthene	24.525	252	183248	21.090	ng/ul	99
91) Benzo(k)fluoranthene	24.607	252	176945	21.198	ng/ul	95
93) Benzo(a)pyrene	25.500	252	158241	21.316	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.778	276	214395	21.134	ng/ul	100
95) Dibenzo(a,h)anthracene	29.854	278	178066	21.270	ng/ul	98
96) Benzo(g,h,i)perylene	31.058	276	97217	11.951	ng/ul	95

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

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