Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110821\
Data File : BG050912.D
Acq On : 9 Nov 2021 16:55
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020543

Quant Time: Nov 09 17:30:07 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG110321.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 02 14:49:05 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.229	152	44286	20.000	ng/ul	0.00
20) Naphthalene-d8	11.055	136	196556	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.851	164	129424	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.601	188	281937	20.000	ng/ul	0.00
79) Chrysene-d12	21.896	240	241482	20.000	ng/ul	-0.01
88) Perylene-d12	25.298	264	240345	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.582	96	11296	8.232	ng/uL	0.00
4) Pyridine-d5	4.011	84	83539	20.351	ng/ul	0.00
7) Phenol-d5	7.372	99	93868	19.868	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.542	67	61951	20.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.753	132	66545	20.324	ng/ul	-0.01
15) 4-Methylphenol-d8	8.929	113	71946	19.343	ng/ul	0.00
21) Nitrobenzene-d5	9.404	128	34785	20.825	ng/ul	0.00
24) 2-Nitrophenol-d4	10.127	143	37402	20.138	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.668	165	65251	20.856	ng/ul	0.00
31) 4-Chloroaniline-d4	11.185	131	98473	20.784	ng/ul	0.00
46) Dimethylphthalate-d6	14.246	166	209002	21.108	ng/ul	0.00
49) Acenaphthylene-d8	14.551	160	265985	21.561	ng/ul	0.00
54) 4-Nitrophenol-d4	15.039	143	34823	19.396	ng/ul	0.00
60) Fluorene-d10	15.844	176	183659	20.938	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.956	200	31810	18.610	ng/ul	0.00
73) Anthracene-d10	17.701	188	284295	21.328	ng/ul	0.00
81) Pyrene-d10	19.974	212	322127	20.653	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.063	264	269966	20.319	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.623	88	12239	8.121	ng/uL	94
5) Pyridine	4.028	79	89459	21.054	ng/ul	98
6) Benzaldehyde	7.360	77	61204	20.539	ng/ul	96
8) Phenol	7.395	94	97100	19.868	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.636	93	75197	20.556	ng/ul	99
12) 2-Chlorophenol	7.789	128	67953	20.441	ng/ul	96
13) 2-Methylphenol	8.664	108	71364	19.755	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.746	45	114644	19.896	ng/ul	98
16) Acetophenone	9.052	105	114511	19.819	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.028	70	67843	19.461	ng/ul	96
18) 4-Methylphenol	8.993	108	74676	19.415	ng/ul	90
19) Hexachloroethane	9.316	117	28555	20.544	ng/ul	93
22) Nitrobenzene	9.446	77	98498	21.143	ng/ul	97
23) Isophorone	9.963	82	185125	20.476	ng/ul	100
25) 2-Nitrophenol	10.162	139	39458	21.176	ng/ul	96
26) 2,4-Dimethylphenol	10.204	107	83669	20.403	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.444	93	102299	21.000	ng/ul	97
29) 2,4-Dichlorophenol	10.691	162	64218	21.043	ng/ul	99
30) Naphthalene	11.108	128	225271	20.959	ng/ul	98
32) 4-Chloroaniline	11.214	127	96356	20.482	ng/ul	99
33) Hexachlorobutadiene	11.379	225	42185	21.061	ng/ul	97
34) Caprolactam	11.966	113	25409	19.612	ng/ul	92
35) 4-Chloro-3-methylphenol	12.313	107	79719	20.449	ng/ul	95
36) 2-Methylnaphthalene	12.695	142	150363	20.535	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.912	142	153646	20.709	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.053	216	82211	21.800	ng/ul	99
40) Hexachlorocyclopentadiene	13.030	237	47440	26.197	ng/ul	95
41) 2,4,6-Trichlorophenol	13.294	196	52765	21.383	ng/ul	98
42) 2,4,5-Trichlorophenol	13.365	196	55676	21.016	ng/ul	97
43) 1,1'-Biphenyl	13.688	154	202063	21.360	ng/ul	98
44) 2-Chloronaphthalene	13.735	162	159699	21.542	ng/ul	98
45) 2-Nitroaniline	13.934	65	60984	20.705	ng/ul	94
47) Dimethylphthalate	14.293	163	206841	20.892	ng/ul	100
48) 2,6-Dinitrotoluene	14.422	165	43529	21.006	ng/ul	98
50) Acenaphthylene	14.581	152	265290	21.457	ng/ul	99
51) 3-Nitroaniline	14.757	138	44681	20.848	ng/ul	92
52) Acenaphthene	14.916	153	172210	21.182	ng/ul	97
53) 2,4-Dinitrophenol	14.963	184	21265	18.602	ng/ul	92
55) 4-Nitrophenol	15.057	109	30756	18.679	ng/ul	91
56) Dibenzofuran	15.251	168	244619	21.021	ng/ul	98
57) 2,4-Dinitrotoluene	15.209	165	62990	21.300	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.474	232	42031	20.188	ng/ul#	96
59) Diethylphthalate	15.650	149	221888	20.937	ng/ul	98
61) Fluorene	15.897	166	194709	21.140	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.879	204	99957	20.841	ng/ul	98
63) 4-Nitroaniline	15.915	138	41993	19.751	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.973	198	32115	19.266	ng/ul#	95
67) N-Nitrosodiphenylamine	16.097	169	171266	21.732	ng/ul	96
68) 4-Bromophenyl-phenylether	16.778	248	61122	21.794	ng/ul	96
69) Hexachlorobenzene	16.902	284	62397	21.642	ng/ul	98
70) Atrazine	17.037	200	69760	20.874	ng/ul	98
71) Pentachlorophenol	17.248	266	27244	20.582	ng/ul	97
72) Phenanthrene	17.642	178	326240	21.678	ng/ul	99
74) Anthracene	17.730	178	324301	21.477	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	86767	22.602	ng/uL	98
76) Pentachlorobenzene	15.168	250	78034	21.938	ng/uL	97
77) Carbazole	18.000	167	296871	21.935	ng/ul	99
78) Di-n-butylphthalate	18.535	149	377517	21.228	ng/ul	100
80) Fluoranthene	19.640	202	396155	21.164	ng/ul	99
82) Pyrene	20.004	202	378251	20.681	ng/ul	99
83) Butylbenzylphthalate	20.868	149	160920	20.461	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.778	252	116015	19.727	ng/ul	98
85) Benzo(a)anthracene	21.878	228	345094	20.643	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.749	149	234834	20.801	ng/ul	98
87) Chrysene	21.943	228	332105	20.796	ng/ul	99
89) Di-n-octyl phthalate	23.018	149	400272	20.457	ng/ul	100
90) Benzo(b)fluoranthene	24.205	252	344839	20.140	ng/ul	99
91) Benzo(k)fluoranthene	24.275	252	330330	20.560	ng/ul	99
93) Benzo(a)pyrene	25.133	252	329097	20.181	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.205	276	366927	20.213	ng/ul	95
95) Dibenzo(a,h)anthracene	29.264	278	310521	20.216	ng/ul	97
96) Benzo(g,h,i)perylene	30.427	276	307394	20.229	ng/ul	94

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

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