Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101922\
Data File : BG055208.D
Acq On : 19 Oct 2022 15:46
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC050

Quant Time: Oct 20 05:48:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 20 05:31:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.291	152	42795	20.000	ng	0.00
21) Naphthalene-d8	11.123	136	132386	20.000	ng	# 0.00
39) Acenaphthene-d10	14.901	164	130586	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	285893	20.000	ng	0.00
76) Chrysene-d12	21.922	240	194363	20.000	ng	# 0.00
86) Perylene-d12	25.324	264	166647	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.812	112	172233	78.740	ng	0.00
7) Phenol-d6	7.427	99	352111	108.821	ng	0.00
23) Nitrobenzene-d5	9.466	82	363691	147.317	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	134048	71.440	ng	0.00
45) 2-Fluorobiphenyl	13.532	172	771276	96.482	ng	0.00
79) Terphenyl-d14	20.206	244	1138722	117.996	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.626	88	54973	59.394	ng	99
3) Pyridine	4.049	79	173775	59.541	ng	99
4) n-Nitrosodimethylamine	3.955	42	80278	51.834	ng	98
6) Aniline	7.604	93	226678	54.556	ng	98
8) 2-Chlorophenol	7.850	128	138282	51.843	ng	99
9) Benzaldehyde	7.416	77	113809	52.299	ng	97
10) Phenol	7.457	94	196374	54.627	ng	99
11) bis(2-Chloroethyl)ether	7.698	93	148501	58.405	ng	99
12) 1,3-Dichlorobenzene	8.179	146	149686	48.283	ng	99
13) 1,4-Dichlorobenzene	8.326	146	152357	48.676	ng	99
14) 1,2-Dichlorobenzene	8.649	146	144214	48.112	ng	99
15) Benzyl Alcohol	8.526	79	149202	51.579	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.808	45	260945	61.392	ng	99
17) 2-Methylphenol	8.726	107	135293	52.309	ng	99
18) Hexachloroethane	9.390	117	54987	51.822	ng	96
19) n-Nitroso-di-n-propyla...	9.096	70	144203	55.221	ng	96
20) 3+4-Methylphenols	9.055	107	192908	51.983	ng	99
22) Acetophenone	9.120	105	233921	71.364	ng	99
24) Nitrobenzene	9.507	77	188986	73.992	ng	97
25) Isophorone	10.030	82	336694	70.227	ng	98
26) 2-Nitrophenol	10.224	139	56395	46.602	ng	94
27) 2,4-Dimethylphenol	10.265	122	84675	46.009	ng	97
28) bis(2-Chloroethoxy)met...	10.506	93	116813	49.163	ng	97
29) 2,4-Dichlorophenol	10.759	162	105766	48.085	ng	93
30) 1,2,4-Trichlorobenzene	10.976	180	108923	45.908	ng	96
31) Naphthalene	11.170	128	324809	46.652	ng	99
32) Benzoic acid	10.412	122	66301	46.068	ng	91
33) 4-Chloroaniline	11.270	127	135881	45.404	ng	95
34) Hexachlorobutadiene	11.446	225	80696	53.340	ng	97
35) Caprolactam	12.051	113	40072	44.347	ng	92
36) 4-Chloro-3-methylphenol	12.369	107	167566	67.555	ng	100
37) 2-Methylnaphthalene	12.756	142	354280	67.953	ng	99
38) 1-Methylnaphthalene	12.968	142	344444	67.715	ng	98
40) 1,2,4,5-Tetrachloroben...	13.115	216	156024	42.361	ng	99
41) Hexachlorocyclopentadiene	13.091	237	75864	41.222	ng	96
43) 2,4,6-Trichlorophenol	13.344	196	117144	43.759	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.420	196	130372	43.888	ng		97
46) 1,1'-Biphenyl	13.743	154	443602	51.166	ng		99
47) 2-Chloronaphthalene	13.791	162	346245	49.372	ng		98
48) 2-Nitroaniline	13.984	65	142539	56.971	ng		98
49) Acenaphthylene	14.631	152	589269	50.053	ng		99
50) Dimethylphthalate	14.343	163	488489	46.536	ng		99
51) 2,6-Dinitrotoluene	14.466	165	102914	47.643	ng		94
52) Acenaphthene	14.966	154	384211	50.449	ng		99
53) 3-Nitroaniline	14.801	138	127344	50.847	ng		95
54) 2,4-Dinitrophenol	15.001	184	56830	43.249	ng		98
55) Dibenzofuran	15.295	168	552744	46.519	ng		99
56) 4-Nitrophenol	15.089	139	95767	49.106	ng		97
57) 2,4-Dinitrotoluene	15.248	165	147995	46.777	ng	#	99
58) Fluorene	15.941	166	457538	46.897	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.518	232	110502	37.696	ng		99
60) Diethylphthalate	15.694	149	520147	47.044	ng		99
61) 4-Chlorophenyl-phenyle...	15.923	204	218130	41.756	ng		100
62) 4-Nitroaniline	15.959	138	129841	48.021	ng		97
63) Azobenzene	16.217	77	528235	56.275	ng		99
65) 4,6-Dinitro-2-methylph...	16.011	198	84268	50.147	ng		95
66) n-Nitrosodiphenylamine	16.141	169	400977	53.165	ng		99
67) 4-Bromophenyl-phenylether	16.816	248	140480	45.075	ng		97
68) Hexachlorobenzene	16.940	284	152438	42.555	ng		96
69) Atrazine	17.069	200	127061	42.732	ng		100
70) Pentachlorophenol	17.281	266	87745	41.113	ng		95
71) Phenanthrene	17.680	178	728110	49.100	ng		100
72) Anthracene	17.768	178	707741	48.837	ng		100
73) Carbazole	18.033	167	668593	49.550	ng		99
74) Di-n-butylphthalate	18.567	149	870718	52.418	ng		100
75) Fluoranthene	19.666	202	820231	44.248	ng		99
77) Benzidine	19.830	184	242218	55.572	ng		99
78) Pyrene	20.024	202	825957	63.747	ng		99
80) Butylbenzylphthalate	20.888	149	382847	76.972	ng		97
81) Benzo(a)anthracene	21.899	228	628516	50.541	ng		100
82) 3,3'-Dichlorobenzidine	21.799	252	227477	53.301	ng	#	98
83) Chrysene	21.969	228	514984	43.900	ng		99
84) Bis(2-ethylhexyl)phtha...	21.769	149	420577	59.361	ng	#	98
85) Di-n-octyl phthalate	23.044	149	392443	33.224	ng		95
87) Indeno(1,2,3-cd)pyrene	29.261	276	602440	48.803	ng		100
88) Benzo(b)fluoranthene	24.237	252	484712	48.800	ng	#	97
89) Benzo(k)fluoranthene	24.313	252	472256	47.324	ng	#	97
90) Benzo(a)pyrene	25.171	252	406679	47.882	ng	#	97
91) Dibenzo(a,h)anthracene	29.331	278	495076	48.466	ng		99
92) Benzo(g,h,i)perylene	30.500	276	485585	48.528	ng		99

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

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