Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
Data File : BG055145.D
Acq On : 12 Oct 2022 17:40
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 13 04:25:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 13 04:19:34 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
10/13/2022
Supervised By :Jagrut Upadhyay
10/13/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.305	152	27227	20.000	ng		0.00
21) Naphthalene-d8	11.131	136	121622	20.000	ng		0.00
39) Acenaphthene-d10	14.909	164	93340	20.000	ng		0.00
64) Phenanthrene-d10	17.641	188	258682	20.000	ng		0.00
76) Chrysene-d12	21.924	240	252453	20.000	ng		0.00
86) Perylene-d12	25.344	264	267528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.819	112	58975	48.111	ng		0.00
7) Phenol-d6	7.429	99	84223	45.857	ng		0.00
23) Nitrobenzene-d5	9.474	82	93396	45.886	ng		0.00
42) 2,4,6-Tribromophenol	16.383	330	57399	69.303	ng		0.00
45) 2-Fluorobiphenyl	13.540	172	238127	39.827	ng		0.00
79) Terphenyl-d14	20.214	244	531336	42.540	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	12743	18.373	ng		98
3) Pyridine	4.063	79	38873m	18.639	ng		
4) n-Nitrosodimethylamine	3.969	42	21080	17.674	ng		88
6) Aniline	7.611	93	54631	20.329	ng		94
8) 2-Chlorophenol	7.858	128	35933	25.485	ng		99
9) Benzaldehyde	7.429	77	30852	20.910	ng		98
10) Phenol	7.459	94	46597	22.326	ng		95
11) bis(2-Chloroethyl)ether	7.705	93	33384	19.516	ng		97
12) 1,3-Dichlorobenzene	8.193	146	40410	20.822	ng		93
13) 1,4-Dichlorobenzene	8.340	146	42240	21.506	ng		97
14) 1,2-Dichlorobenzene	8.663	146	39865	20.891	ng		97
15) Benzyl Alcohol	8.528	79	38291	23.211	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.828	45	55466	17.118	ng		100
17) 2-Methylphenol	8.728	107	34081	23.177	ng		97
18) Hexachloroethane	9.403	117	13809	22.173	ng		97
19) n-Nitroso-di-n-propyla...	9.104	70	33699	18.941	ng	#	97
20) 3+4-Methylphenols	9.057	107	48296	23.584	ng		96
22) Acetophenone	9.127	105	62294	20.198	ng	#	99
24) Nitrobenzene	9.515	77	47533	21.508	ng		99
25) Isophorone	10.038	82	88237	20.397	ng		98
26) 2-Nitrophenol	10.232	139	21780	33.753	ng		96
27) 2,4-Dimethylphenol	10.273	122	34340	23.157	ng		99
28) bis(2-Chloroethoxy)met...	10.514	93	44241	19.987	ng		99
29) 2,4-Dichlorophenol	10.767	162	41363	26.240	ng		98
30) 1,2,4-Trichlorobenzene	10.990	180	44058	20.742	ng		95
31) Naphthalene	11.184	128	130901	20.393	ng		99
32) Benzoic acid	10.367	122	23393m	25.638	ng		
33) 4-Chloroaniline	11.278	127	55502	20.910	ng		96
34) Hexachlorobutadiene	11.460	225	28289	20.539	ng		96
35) Caprolactam	12.024	113	17457	30.261	ng		97
36) 4-Chloro-3-methylphenol	12.365	107	46624	25.026	ng		98
37) 2-Methylnaphthalene	12.764	142	96552	20.411	ng		96
38) 1-Methylnaphthalene	12.982	142	95589	20.775	ng		100
40) 1,2,4,5-Tetrachloroben...	13.123	216	54256	19.908	ng		99
41) Hexachlorocyclopentadiene	13.099	237	26000	22.155	ng		97
43) 2,4,6-Trichlorophenol	13.352	196	39301	28.691	ng		95

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44) 2,4,5-Trichlorophenol	13.422	196	44369	27.796	ng	98
46) 1,1'-Biphenyl	13.751	154	127873	19.981	ng	98
47) 2-Chloronaphthalene	13.798	162	103329	20.037	ng	99
48) 2-Nitroaniline	13.986	65	37545	30.954	ng	94
49) Acenaphthylene	14.638	152	176324	20.648	ng	99
50) Dimethylphthalate	14.351	163	158866	25.077	ng	99
51) 2,6-Dinitrotoluene	14.474	165	31646	27.701	ng	98
52) Acenaphthene	14.973	154	112458	21.209	ng	97
53) 3-Nitroaniline	14.803	138	38490	28.421	ng	100
54) 2,4-Dinitrophenol	15.003	184	18321	31.113	ng	91
55) Dibenzofuran	15.302	168	178482	21.098	ng	96
56) 4-Nitrophenol	15.085	139	30725	30.001	ng	94
57) 2,4-Dinitrotoluene	15.249	165	48650	30.979	ng	98
58) Fluorene	15.949	166	148516	21.938	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.520	232	43239	28.903	ng	99
60) Diethylphthalate	15.702	149	170752	26.121	ng	100
61) 4-Chlorophenyl-phenyle...	15.931	204	77854	21.157	ng	99
62) 4-Nitroaniline	15.955	138	42482	27.875	ng	99
63) Azobenzene	16.225	77	142159	19.309	ng	98
65) 4,6-Dinitro-2-methylph...	16.007	198	29846	30.954	ng	99
66) n-Nitrosodiphenylamine	16.143	169	135789	20.156	ng	99
67) 4-Bromophenyl-phenylether	16.824	248	55125	20.150	ng	98
68) Hexachlorobenzene	16.948	284	63993	20.232	ng	97
69) Atrazine	17.077	200	56544	25.762	ng	99
70) Pentachlorophenol	17.282	266	38906	25.687	ng	96
71) Phenanthrene	17.688	178	276870	20.376	ng	98
72) Anthracene	17.776	178	270034	20.433	ng	99
73) Carbazole	18.034	167	254971	21.980	ng	99
74) Di-n-butylphthalate	18.575	149	313517	25.891	ng	98
75) Fluoranthene	19.674	202	351209	20.718	ng	99
77) Benzidine	19.838	184	113182	26.025	ng	99
78) Pyrene	20.032	202	353483	21.057	ng	99
80) Butylbenzylphthalate	20.896	149	133141	29.855	ng	99
81) Benzo(a)anthracene	21.901	228	333544	20.798	ng	99
82) 3,3'-Dichlorobenzidine	21.807	252	114448	24.549	ng	99
83) Chrysene	21.971	228	310491	20.088	ng	100
84) Bis(2-ethylhexyl)phtha...	21.783	149	187016	27.487	ng	100
85) Di-n-octyl phthalate	23.058	149	314894	27.737	ng	100
87) Indeno(1,2,3-cd)pyrene	29.262	276	403754	20.913	ng	100
88) Benzo(b)fluoranthene	24.245	252	328487	20.839	ng	99
89) Benzo(k)fluoranthene	24.315	252	331977	20.905	ng	99
90) Benzo(a)pyrene	25.179	252	280805	20.785	ng	98
91) Dibenzo(a,h)anthracene	29.333	278	336161	21.434	ng	99
92) Benzo(g,h,i)perylene	30.502	276	327893	20.827	ng	99

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

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