Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG033023\
Data File : BG056922.D
Acq On : 30 Mar 2023 13:21
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 30 15:49:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 15:48:01 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/31/2023
Supervised By :Jagrut Upadhyay 03/31/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.414	152	19705	20.000	ng		0.00
21) Naphthalene-d8	11.257	136	79797	20.000	ng		0.00
39) Acenaphthene-d10	15.028	164	62590	20.000	ng		0.00
64) Phenanthrene-d10	17.766	188	161217	20.000	ng		0.00
76) Chrysene-d12	22.090	240	159429	20.000	ng		0.00
86) Perylene-d12	25.638	264	172591	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.917	112	25088	20.716	ng		0.00
7) Phenol-d6	7.539	99	37295	20.848	ng		0.00
23) Nitrobenzene-d5	9.589	82	36950	23.709	ng		0.00
42) 2,4,6-Tribromophenol	16.509	330	19341	22.570	ng		0.00
45) 2-Fluorobiphenyl	13.654	172	93506	20.005	ng		0.00
79) Terphenyl-d14	20.339	244	185523	19.039	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.720	88	5552	10.457	ng	#	94
3) Pyridine	4.155	79	17247	10.269	ng		93
4) n-Nitrosodimethylamine	4.061	42	8061	10.297	ng	#	88
6) Aniline	7.721	93	24209	9.737	ng		96
8) 2-Chlorophenol	7.967	128	12472	10.408	ng		83
9) Benzaldehyde	7.533	77	13175	13.926	ng		91
10) Phenol	7.562	94	18750	10.246	ng		95
11) bis(2-Chloroethyl)ether	7.809	93	13006	9.472	ng		94
12) 1,3-Dichlorobenzene	8.296	146	13873	9.717	ng		93
13) 1,4-Dichlorobenzene	8.449	146	13836	9.623	ng		92
14) 1,2-Dichlorobenzene	8.772	146	12974	9.388	ng		88
15) Benzyl Alcohol	8.643	79	14601	9.115	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.925	45	16567	8.987	ng		93
17) 2-Methylphenol	8.843	107	12060	9.378	ng		87
18) Hexachloroethane	9.518	117	5076	11.145	ng	#	81
19) n-Nitroso-di-n-propyla...	9.207	70	12948	9.668	ng	#	96
20) 3+4-Methylphenols	9.172	107	17488	9.899	ng		85
22) Acetophenone	9.242	105	22969	9.421	ng	#	98
24) Nitrobenzene	9.630	77	19137	11.728	ng		91
25) Isophorone	10.153	82	36338	9.580	ng		98
26) 2-Nitrophenol	10.347	139	6921	10.785	ng		92
27) 2,4-Dimethylphenol	10.394	122	12671	8.641	ng		85
28) bis(2-Chloroethoxy)met...	10.629	93	19110	9.886	ng		93
29) 2,4-Dichlorophenol	10.887	162	14563	10.020	ng		94
30) 1,2,4-Trichlorobenzene	11.110	180	15202	8.781	ng		98
31) Naphthalene	11.310	128	43612	9.861	ng		97
32) Benzoic acid	10.458	122	7601	8.042	ng	#	74
33) 4-Chloroaniline	11.404	127	19605	9.703	ng		96
34) Hexachlorobutadiene	11.580	225	11584	9.363	ng		92
35) Caprolactam	12.132	113	4898	10.478	ng		88
36) 4-Chloro-3-methylphenol	12.485	107	15692	9.791	ng		97
37) 2-Methylnaphthalene	12.878	142	32580	9.330	ng		99
38) 1-Methylnaphthalene	13.096	142	31965	9.810	ng		99
40) 1,2,4,5-Tetrachloroben...	13.237	216	21444	9.216	ng		99
41) Hexachlorocyclopentadiene	13.219	237	10374	8.220	ng		93
43) 2,4,6-Trichlorophenol	13.466	196	13604m	9.637	ng		

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44) 2,4,5-Trichlorophenol	13.536	196	15270	9.025	ng		98
46) 1,1'-Biphenyl	13.865	154	45475	9.591	ng		97
47) 2-Chloronaphthalene	13.912	162	32861	8.758	ng		97
48) 2-Nitroaniline	14.100	65	11517	12.686	ng	#	85
49) Acenaphthylene	14.752	152	56474	9.264	ng		98
50) Dimethylphthalate	14.459	163	49968	9.657	ng	#	99
51) 2,6-Dinitrotoluene	14.588	165	10982	12.087	ng		88
52) Acenaphthene	15.093	154	37166	9.883	ng	#	81
53) 3-Nitroaniline	14.917	138	10074	10.030	ng		97
54) 2,4-Dinitrophenol	15.123	184	4928	8.244	ng		93
55) Dibenzofuran	15.422	168	58286	9.175	ng		99
56) 4-Nitrophenol	15.205	139	7755	10.078	ng	#	79
57) 2,4-Dinitrotoluene	15.369	165	14776	11.710	ng	#	94
58) Fluorene	16.068	166	48044	9.565	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.639	232	14196	9.573	ng		98
60) Diethylphthalate	15.810	149	50648	9.704	ng		98
61) 4-Chlorophenyl-phenyle...	16.051	204	28335	9.233	ng		94
62) 4-Nitroaniline	16.068	138	11020	10.528	ng		90
63) Azobenzene	16.339	77	50356	9.640	ng		99
65) 4,6-Dinitro-2-methylph...	16.127	198	8501	10.211	ng		98
66) n-Nitrosodiphenylamine	16.262	169	42159	8.989	ng		99
67) 4-Bromophenyl-phenylether	16.944	248	19486	9.414	ng		94
68) Hexachlorobenzene	17.073	284	19451	9.224	ng		96
69) Atrazine	17.190	200	17973	9.980	ng		93
70) Pentachlorophenol	17.414	266	12634	9.046	ng		98
71) Phenanthrene	17.813	178	82164	9.368	ng		98
72) Anthracene	17.901	178	84330	9.396	ng		99
73) Carbazole	18.160	167	74498	9.629	ng		99
74) Di-n-butylphthalate	18.688	149	84698	9.783	ng		99
75) Fluoranthene	19.799	202	106590	9.210	ng		97
77) Benzidine	19.963	184	42295	11.092	ng		95
78) Pyrene	20.157	202	107103	8.895	ng		98
80) Butylbenzylphthalate	21.020	149	34832	9.634	ng		93
81) Benzo(a)anthracene	22.066	228	107941	9.104	ng		96
82) 3,3'-Dichlorobenzidine	21.966	252	35799	9.306	ng		100
83) Chrysene	22.142	228	102533	9.251	ng		98
84) Bis(2-ethylhexyl)phtha...	21.925	149	52171	9.629	ng		98
85) Di-n-octyl phthalate	23.247	149	88159	9.790	ng		99
87) Indeno(1,2,3-cd)pyrene	29.715	276	123518	9.138	ng	#	85
88) Benzo(b)fluoranthene	24.498	252	104755	9.290	ng		97
89) Benzo(k)fluoranthene	24.569	252	108093	9.749	ng		97
90) Benzo(a)pyrene	25.467	252	102571	9.464	ng	#	95
91) Dibenzo(a,h)anthracene	29.797	278	102292	9.137	ng		99
92) Benzo(g,h,i)perylene	31.019	276	98598	9.014	ng		96

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

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