Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055308.D
Acq On : 26 Oct 2022 21:18
Operator : CG/JU
Sample : N5222-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 27 10:42:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

10/27/2022
Supervised By :Jagrut Upadhyay

10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.276	152	36747	20.000	ng		0.00
21) Naphthalene-d8	11.107	136	160301	20.000	ng		0.00
39) Acenaphthene-d10	14.885	164	124361	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	244499	20.000	ng		0.00
76) Chrysene-d12	21.901	240	229452	20.000	ng		0.00
86) Perylene-d12	25.297	264	243240	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.802	112	163225	77.776	ng		0.01
7) Phenol-d6	7.418	99	147681	48.572	ng		0.00
23) Nitrobenzene-d5	9.451	82	322301	102.668	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	223468	165.298	ng		0.00
45) 2-Fluorobiphenyl	13.516	172	722522	95.093	ng		0.00
79) Terphenyl-d14	20.191	244	1072227	97.090	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.605	88	20909	20.634	ng	#	91
3) Pyridine	4.028	79	66993m	21.954	ng		
4) n-Nitrosodimethylamine	3.934	42	28566	21.070	ng		99
6) Aniline	7.588	93	78931	19.830	ng		97
8) 2-Chlorophenol	7.835	128	114193	46.802	ng		98
9) Benzaldehyde	7.400	77	135986	65.505	ng	#	1
10) Phenol	7.447	94	61344	18.012	ng		99
11) bis(2-Chloroethyl)ether	7.676	93	130080	50.598	ng		97
12) 1,3-Dichlorobenzene	8.164	146	140158	52.648	ng		98
13) 1,4-Dichlorobenzene	8.311	146	143461	52.760	ng		99
14) 1,2-Dichlorobenzene	8.634	146	137175	52.397	ng		97
15) Benzyl Alcohol	8.511	79	87367m	34.337	ng		
16) 2,2'-oxybis(1-Chloropr...	8.798	45	208465	49.549	ng		95
17) 2-Methylphenol	8.716	107	87358	36.270	ng		99
18) Hexachloroethane	9.386	117	190546	196.793	ng	#	1
19) n-Nitroso-di-n-propyla...	9.075	70	124738	49.404	ng		98
20) 3+4-Methylphenols	9.039	107	113598	32.930	ng		96
22) Acetophenone	9.098	105	382040	93.221	ng	#	95
24) Nitrobenzene	9.492	77	189127	57.860	ng		98
25) Isophorone	10.015	82	333244	52.555	ng		96
26) 2-Nitrophenol	10.209	139	80468	56.215	ng		98
27) 2,4-Dimethylphenol	10.256	122	160849	71.978	ng		97
28) bis(2-Chloroethoxy)met...	10.491	93	188059	58.741	ng		98
29) 2,4-Dichlorophenol	10.749	162	133743	55.789	ng		98
30) 1,2,4-Trichlorobenzene	10.961	180	135391	55.336	ng		98
31) Naphthalene	11.166	128	2411373	281.982	ng	#	94
32) Benzoic acid	10.397	122	31598	21.244	ng		94
33) 4-Chloroaniline	11.254	127	77810	21.283	ng		96
34) Hexachlorobutadiene	11.431	225	81090	58.005	ng		98
36) 4-Chloro-3-methylphenol	12.359	107	145250	48.151	ng		99
37) 2-Methylnaphthalene	12.741	142	673506	109.237	ng		99
38) 1-Methylnaphthalene	12.958	142	562416	92.462	ng		99
40) 1,2,4,5-Tetrachloroben...	13.099	216	159016	53.015	ng		99
41) Hexachlorocyclopentadiene	13.070	237	162913	112.277	ng		97
43) 2,4,6-Trichlorophenol	13.334	196	112780	50.909	ng		99
44) 2,4,5-Trichlorophenol	13.411	196	124011	50.610	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.728	154	436976	51.231	ng		100
47) 2-Chloronaphthalene	13.775	162	322753	47.986	ng		95
48) 2-Nitroaniline	13.975	65	134550	51.152	ng		97
49) Acenaphthylene	14.615	152	540185	46.524	ng		98
50) Dimethylphthalate	14.333	163	436726	44.727	ng		97
51) 2,6-Dinitrotoluene	14.457	165	96384	48.510	ng		95
52) Acenaphthene	14.950	154	399921m	54.036	ng		
53) 3-Nitroaniline	14.786	138	47402	18.982	ng		99
54) 2,4-Dinitrophenol	14.997	184	121904	103.517	ng		98
55) Dibenzofuran	15.279	168	540355	48.666	ng		99
56) 4-Nitrophenol	15.097	139	69747	39.049	ng		97
57) 2,4-Dinitrotoluene	15.238	165	140378	48.687	ng		94
58) Fluorene	15.925	166	436794	47.278	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.502	232	110996	50.812	ng	#	95
60) Diethylphthalate	15.679	149	464468	44.718	ng		98
61) 4-Chlorophenyl-phenyle...	15.908	204	212526	50.058	ng		97
62) 4-Nitroaniline	15.943	138	89248	34.009	ng		100
63) Azobenzene	16.202	77	447349	44.211	ng		98
65) 4,6-Dinitro-2-methylph...	16.002	198	77651	57.772	ng		96
66) n-Nitrosodiphenylamine	16.125	169	383659	56.376	ng		99
67) 4-Bromophenyl-phenylether	16.801	248	139451	58.706	ng		96
68) Hexachlorobenzene	16.924	284	154742	57.615	ng		97
69) Atrazine	17.065	200	142558	61.604	ng		98
70) Pentachlorophenol	17.271	266	187312	122.069	ng		99
71) Phenanthrene	17.665	178	719888	55.209	ng		99
72) Anthracene	17.753	178	693991	54.442	ng		99
73) Carbazole	18.017	167	729561	59.504	ng		99
74) Di-n-butylphthalate	18.546	149	812282	52.999	ng		99
75) Fluoranthene	19.650	202	804871	52.973	ng		99
78) Pyrene	20.009	202	816101	51.890	ng		99
80) Butylbenzylphthalate	20.867	149	369783	49.756	ng		97
81) Benzo(a)anthracene	21.877	228	770248	49.990	ng		99
82) 3,3'-Dichlorobenzidine	21.777	252	103239	20.573	ng		99
83) Chrysene	21.948	228	721805	49.317	ng		99
84) Bis(2-ethylhexyl)phtha...	21.742	149	538340	50.706	ng		98
85) Di-n-octyl phthalate	23.011	149	911718	51.547	ng		98
87) Indeno(1,2,3-cd)pyrene	29.210	276	942643	52.470	ng		98
88) Benzo(b)fluoranthene	24.210	252	811438	55.459	ng		98
89) Benzo(k)fluoranthene	24.286	252	799876	54.140	ng		99
90) Benzo(a)pyrene	25.138	252	715231	57.004	ng		99
91) Dibenzo(a,h)anthracene	29.274	278	814766	55.264	ng		99
92) Benzo(g,h,i)perylene	30.450	276	799760	54.691	ng		99

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

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