Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
Data File : BG055550.D
Acq On : 10 Nov 2022 22:20
Operator : CG/JU
Sample : N5495-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-29BMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/11/2022
Supervised By :Jagrut Upadhyay 11/11/2022

Quant Time: Nov 11 02:03:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.273	152	51250	20.000	ng		0.00
21) Naphthalene-d8	11.099	136	211126	20.000	ng		0.00
39) Acenaphthene-d10	14.889	164	148573	20.000	ng		0.00
64) Phenanthrene-d10	17.627	188	340473	20.000	ng		0.00
76) Chrysene-d12	21.928	240	326003	20.000	ng		0.00
86) Perylene-d12	25.341	264	350524	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.800	112	436180	162.108	ng		0.00
7) Phenol-d6	7.404	99	564826	151.969	ng		0.00
23) Nitrobenzene-d5	9.442	82	335767	107.814	ng		0.00
42) 2,4,6-Tribromophenol	16.370	330	259706	179.153	ng		0.00
45) 2-Fluorobiphenyl	13.514	172	808954	82.130	ng		0.00
79) Terphenyl-d14	20.212	244	1343141	82.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.637	88	59897	43.827	ng		92
3) Pyridine	4.049	79	157302	41.396	ng		98
4) n-Nitrosodimethylamine	3.961	42	102009	49.320	ng		97
6) Aniline	7.586	93	220246	44.613	ng		98
8) 2-Chlorophenol	7.827	128	167342	55.553	ng		97
9) Benzaldehyde	7.398	77	110246	37.596	ng		100
10) Phenol	7.433	94	222501	52.002	ng		99
11) bis(2-Chloroethyl)ether	7.674	93	159032	46.165	ng		98
12) 1,3-Dichlorobenzene	8.156	146	183836	48.855	ng		99
13) 1,4-Dichlorobenzene	8.303	146	185633	48.746	ng		99
14) 1,2-Dichlorobenzene	8.626	146	178488	49.354	ng		98
15) Benzyl Alcohol	8.502	79	166157	51.265	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.796	45	315860	47.718	ng		99
17) 2-Methylphenol	8.696	107	154402	51.280	ng		99
18) Hexachloroethane	9.366	117	65328	51.673	ng		96
19) n-Nitroso-di-n-propyla...	9.078	70	136865	44.558	ng		96
20) 3+4-Methylphenols	9.025	107	209883	50.036	ng		97
22) Acetophenone	9.096	105	262358	46.714	ng	#	99
24) Nitrobenzene	9.484	77	195588	54.589	ng		100
25) Isophorone	10.006	82	381250	47.917	ng		99
26) 2-Nitrophenol	10.200	139	81878	67.989	ng	#	90
27) 2,4-Dimethylphenol	10.241	122	173764	61.083	ng		99
28) bis(2-Chloroethoxy)met...	10.488	93	222424	51.848	ng		99
29) 2,4-Dichlorophenol	10.735	162	173325	55.442	ng		98
30) 1,2,4-Trichlorobenzene	10.952	180	180647	46.130	ng		99
31) Naphthalene	11.152	128	519714	45.531	ng		99
32) Benzoic acid	10.365	122	105955	56.744	ng		90
33) 4-Chloroaniline	11.246	127	139897	29.321	ng		99
34) Hexachlorobutadiene	11.428	225	119129	45.613	ng		94
35) Caprolactam	12.010	113	57950m	54.376	ng		
36) 4-Chloro-3-methylphenol	12.339	107	193302	52.456	ng		97
37) 2-Methylnaphthalene	12.733	142	386514	45.068	ng		99
38) 1-Methylnaphthalene	12.950	142	365802	43.605	ng		96
40) 1,2,4,5-Tetrachloroben...	13.097	216	209948	47.306	ng		98
41) Hexachlorocyclopentadiene	13.079	237	284866	149.933	ng		96
43) 2,4,6-Trichlorophenol	13.320	196	150318	57.604	ng		98

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44) 2,4,5-Trichlorophenol	13.397	196	161891	54.192	ng		99
46) 1,1'-Biphenyl	13.726	154	521215	47.952	ng		99
47) 2-Chloronaphthalene	13.773	162	388168	46.236	ng		100
48) 2-Nitroaniline	13.967	65	125511	57.247	ng		97
49) Acenaphthylene	14.613	152	644636	46.406	ng		99
50) Dimethylphthalate	14.331	163	534183	47.316	ng		100
51) 2,6-Dinitrotoluene	14.448	165	107346	53.691	ng		98
52) Acenaphthene	14.954	154	442625	51.040	ng		99
53) 3-Nitroaniline	14.777	138	82626	35.636	ng		99
54) 2,4-Dinitrophenol	14.983	184	103568	147.544	ng	#	74
55) Dibenzofuran	15.283	168	632269	45.604	ng		99
56) 4-Nitrophenol	15.065	139	195971	117.228	ng		96
57) 2,4-Dinitrotoluene	15.230	165	147355	55.593	ng		99
58) Fluorene	15.929	166	495064	44.883	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.500	232	147709	53.345	ng		99
60) Diethylphthalate	15.688	149	528144	45.986	ng		100
61) 4-Chlorophenyl-phenyle...	15.917	204	270729	46.144	ng		98
62) 4-Nitroaniline	15.941	138	117284	52.399	ng		97
63) Azobenzene	16.211	77	498916	44.817	ng		98
65) 4,6-Dinitro-2-methylph...	15.994	198	69160	58.578	ng		97
66) n-Nitrosodiphenylamine	16.129	169	446837	46.848	ng		99
67) 4-Bromophenyl-phenylether	16.810	248	178630	51.428	ng		99
68) Hexachlorobenzene	16.928	284	192312	46.572	ng		99
69) Atrazine	17.069	200	184059	53.323	ng		98
70) Pentachlorophenol	17.269	266	245890	108.690	ng		100
71) Phenanthrene	17.668	178	827406	45.217	ng		98
72) Anthracene	17.762	178	838813	46.776	ng		100
73) Carbazole	18.021	167	770239	47.527	ng		99
74) Di-n-butylphthalate	18.567	149	921993	49.619	ng		99
75) Fluoranthene	19.666	202	976618	44.756	ng		99
77) Benzidine	19.836	184	614300	69.651	ng		99
78) Pyrene	20.024	202	989399	44.843	ng		99
80) Butylbenzylphthalate	20.900	149	411572	48.909	ng		99
81) Benzo(a)anthracene	21.904	228	1006724	45.084	ng		98
82) 3,3'-Dichlorobenzidine	21.810	252	232445	31.896	ng		99
83) Chrysene	21.975	228	946434	44.573	ng		99
84) Bis(2-ethylhexyl)phtha...	21.799	149	599917	53.876	ng		99
85) Di-n-octyl phthalate	23.079	149	1025308	53.283	ng		99
87) Indeno(1,2,3-cd)pyrene	29.278	276	1201166	44.992	ng		100
88) Benzo(b)fluoranthene	24.254	252	1082761	48.752	ng		99
89) Benzo(k)fluoranthene	24.331	252	1052087	46.336	ng		99
90) Benzo(a)pyrene	25.183	252	959410	50.149	ng		100
91) Dibenzo(a,h)anthracene	29.360	278	1020157	46.162	ng		99
92) Benzo(g,h,i)perylene	30.518	276	999335	46.259	ng		99

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

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