Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
Data File : BG055307.D
Acq On : 26 Oct 2022 20:35
Operator : CG/JU
Sample : N5222-05MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 27 10:41:19 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	39011	20.000	ng		0.00
21) Naphthalene-d8	11.108	136	174705	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	133356	20.000	ng		0.00
64) Phenanthrene-d10	17.618	188	256821	20.000	ng		0.00
76) Chrysene-d12	21.895	240	234747	20.000	ng		0.00
86) Perylene-d12	25.297	264	252579	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.802	112	176066	79.026	ng		0.01
7) Phenol-d6	7.418	99	158516	49.110	ng		0.00
23) Nitrobenzene-d5	9.451	82	345964	101.119	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	238488	164.509	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	775868	95.227	ng		0.00
79) Terphenyl-d14	20.191	244	1108595	98.119	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	21407	19.899	ng	#	87
3) Pyridine	4.022	79	72217m	22.292	ng		
4) n-Nitrosodimethylamine	3.934	42	29511	20.504	ng		99
6) Aniline	7.589	93	82768	19.588	ng		97
8) 2-Chlorophenol	7.835	128	123590	47.714	ng		98
9) Benzaldehyde	7.401	77	144800	65.703	ng	#	1
10) Phenol	7.448	94	65145	18.018	ng		98
11) bis(2-Chloroethyl)ether	7.677	93	139650	51.168	ng		97
12) 1,3-Dichlorobenzene	8.164	146	148730	52.626	ng		98
13) 1,4-Dichlorobenzene	8.311	146	154151	53.401	ng		98
14) 1,2-Dichlorobenzene	8.634	146	146736	52.796	ng		99
15) Benzyl Alcohol	8.511	79	93510m	34.619	ng		
16) 2,2'-oxybis(1-Chloropr...	8.793	45	227572	50.951	ng		96
17) 2-Methylphenol	8.717	107	92829	36.305	ng		99
18) Hexachloroethane	9.386	117	206137	200.540	ng	#	1
19) n-Nitroso-di-n-propyla...	9.075	70	134822	50.299	ng		99
20) 3+4-Methylphenols	9.040	107	120085	32.790	ng		98
22) Acetophenone	9.099	105	410575	91.924	ng	#	96
24) Nitrobenzene	9.492	77	203223	57.046	ng		97
25) Isophorone	10.015	82	362958	52.522	ng		97
26) 2-Nitrophenol	10.209	139	87346	55.989	ng		99
27) 2,4-Dimethylphenol	10.256	122	174374	71.597	ng		98
28) bis(2-Chloroethoxy)met...	10.491	93	202702	58.095	ng		97
29) 2,4-Dichlorophenol	10.750	162	143665	54.987	ng		99
30) 1,2,4-Trichlorobenzene	10.961	180	148015	55.508	ng		98
31) Naphthalene	11.167	128	2549719	273.577	ng	#	93
32) Benzoic acid	10.415	122	43545	25.767	ng		91
33) 4-Chloroaniline	11.255	127	69842	17.528	ng		95
34) Hexachlorobutadiene	11.431	225	88145	57.854	ng		98
36) 4-Chloro-3-methylphenol	12.359	107	155483	47.294	ng		100
37) 2-Methylnaphthalene	12.741	142	726580	108.129	ng		99
38) 1-Methylnaphthalene	12.953	142	607295m	91.609	ng		
40) 1,2,4,5-Tetrachloroben...	13.100	216	170590	53.038	ng		100
41) Hexachlorocyclopentadiene	13.070	237	175343	112.680	ng		97
43) 2,4,6-Trichlorophenol	13.335	196	122493	51.563	ng		99
44) 2,4,5-Trichlorophenol	13.411	196	134051	51.018	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.723	154	472023	51.607	ng		97
47)	2-Chloronaphthalene	13.775	162	349428	48.447	ng		97
48)	2-Nitroaniline	13.975	65	142111	50.382	ng		98
49)	Acenaphthylene	14.616	152	579981	46.582	ng		99
50)	Dimethylphthalate	14.334	163	470378	44.925	ng		98
51)	2,6-Dinitrotoluene	14.457	165	103441	48.551	ng		95
52)	Acenaphthene	14.951	154	426390m	53.726	ng		
53)	3-Nitroaniline	14.786	138	45804	17.105	ng		98
54)	2,4-Dinitrophenol	14.998	184	126247	100.113	ng		97
55)	Dibenzofuran	15.280	168	579696	48.687	ng		100
56)	4-Nitrophenol	15.092	139	73047	38.139	ng		97
57)	2,4-Dinitrotoluene	15.238	165	148670	48.085	ng		93
58)	Fluorene	15.926	166	469837	47.425	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.503	232	118187	50.454	ng		95
60)	Diethylphthalate	15.679	149	497141	44.636	ng		98
61)	4-Chlorophenyl-phenyle...	15.908	204	227358	49.940	ng		98
62)	4-Nitroaniline	15.944	138	92500	32.871	ng		98
63)	Azobenzene	16.202	77	477333	43.992	ng		98
65)	4,6-Dinitro-2-methylph...	16.002	198	81102	57.444	ng		97
66)	n-Nitrosodiphenylamine	16.120	169	406292	56.837	ng		100
67)	4-Bromophenyl-phenylether	16.801	248	150417	60.284	ng		97
68)	Hexachlorobenzene	16.925	284	166568	59.042	ng		98
69)	Atrazine	17.066	200	145288	59.772	ng		98
70)	Pentachlorophenol	17.271	266	198022	122.840	ng		98
71)	Phenanthrene	17.665	178	761456	55.595	ng		99
72)	Anthracene	17.753	178	730683	54.571	ng		99
73)	Carbazole	18.018	167	755485	58.662	ng		99
74)	Di-n-butylphthalate	18.546	149	849055	52.741	ng		100
75)	Fluoranthene	19.651	202	827347	51.840	ng		99
78)	Pyrene	20.009	202	840079	52.210	ng		99
80)	Butylbenzylphthalate	20.867	149	382919	50.361	ng		95
81)	Benzo(a)anthracene	21.878	228	804951	51.063	ng		99
82)	3,3'-Dichlorobenzidine	21.778	252	104061	20.269	ng		99
83)	Chrysene	21.948	228	744905	49.747	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.743	149	555118	51.107	ng		97
85)	Di-n-octyl phthalate	23.012	149	936458	51.751	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.216	276	974234	52.224	ng	#	93
88)	Benzo(b)fluoranthene	24.210	252	844591	55.590	ng		98
89)	Benzo(k)fluoranthene	24.281	252	821097	53.522	ng		99
90)	Benzo(a)pyrene	25.139	252	742525	56.991	ng		98
91)	Dibenzo(a,h)anthracene	29.275	278	841687	54.979	ng		98
92)	Benzo(g,h,i)perylene	30.450	276	828199	54.542	ng		98

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

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