Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
Data File : BG056566.D
Acq On : 7 Feb 2023 13:46
Operator : CG/JU
Sample : PB150708BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 08 03:05:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 08 03:02:11 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB150708BS

Manual Integrations APPROVED
Reviewed By :Christian Giraldo

02/08/2023
Supervised By :Jagrut Upadhyay

02/08/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.265	152	30891	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	132386	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	114992	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	300860	20.000	ng		0.00
76) Chrysene-d12	21.919	240	275164	20.000	ng		0.00
86) Perylene-d12	25.345	264	288964	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	271082	161.431	ng		0.00
7) Phenol-d6	7.418	99	386018	155.147	ng		0.00
23) Nitrobenzene-d5	9.446	82	196744	84.390	ng		0.00
42) 2,4,6-Tribromophenol	16.379	330	207579	135.784	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	696502	83.975	ng		0.00
79) Terphenyl-d14	20.203	244	1408976	89.935	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.582	88	21057	30.115	ng	#	91
3) Pyridine	4.005	79	61995	29.743	ng		95
4) n-Nitrosodimethylamine	3.911	42	17198	38.799	ng		93
6) Aniline	7.583	93	122756	37.683	ng		97
8) 2-Chlorophenol	7.830	128	94643	51.304	ng		99
9) Benzaldehyde	7.395	77	33471m	26.589	ng		
10) Phenol	7.448	94	132708	52.478	ng		98
11) bis(2-Chloroethyl)ether	7.671	93	76960	44.276	ng		95
12) 1,3-Dichlorobenzene	8.153	146	97210	45.768	ng		96
13) 1,4-Dichlorobenzene	8.306	146	97364	45.265	ng		98
14) 1,2-Dichlorobenzene	8.629	146	97556	46.746	ng		98
15) Benzyl Alcohol	8.505	79	83924	49.162	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.793	45	17046	46.284	ng		96
17) 2-Methylphenol	8.711	107	94269	49.000	ng		98
18) Hexachloroethane	9.363	117	29316	45.062	ng		98
19) n-Nitroso-di-n-propyla...	9.069	70	64374	44.896	ng		99
20) 3+4-Methylphenols	9.040	107	130502	48.404	ng		96
22) Acetophenone	9.099	105	148168	42.123	ng	#	98
24) Nitrobenzene	9.493	77	96249	42.801	ng		97
25) Isophorone	10.010	82	198048	41.177	ng		98
26) 2-Nitrophenol	10.209	139	60232	44.145	ng		98
27) 2,4-Dimethylphenol	10.250	122	108360	47.455	ng		95
28) bis(2-Chloroethoxy)met...	10.485	93	113474	42.708	ng		95
29) 2,4-Dichlorophenol	10.750	162	122645	47.717	ng		99
30) 1,2,4-Trichlorobenzene	10.961	180	124092	43.446	ng		97
31) Naphthalene	11.155	128	297751	42.613	ng		99
32) Benzoic acid	10.415	122	54466	42.634	ng		92
33) 4-Chloroaniline	11.261	127	112909	34.617	ng		99
34) Hexachlorobutadiene	11.426	225	85106	42.449	ng		97
35) Caprolactam	12.031	113	39981m	46.123	ng		
36) 4-Chloro-3-methylphenol	12.366	107	119712	48.229	ng		96
37) 2-Methylnaphthalene	12.736	142	242312	42.064	ng		99
38) 1-Methylnaphthalene	12.953	142	230633	42.869	ng		91
40) 1,2,4,5-Tetrachloroben...	13.100	216	174801	41.609	ng		99
41) Hexachlorocyclopentadiene	13.071	237	143653	65.739	ng		97
43) 2,4,6-Trichlorophenol	13.335	196	121708	44.956	ng		97

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44) 2,4,5-Trichlorophenol	13.417	196	134221	42.345	ng		99
46) 1,1'-Biphenyl	13.729	154	358344	42.964	ng		99
47) 2-Chloronaphthalene	13.776	162	286094	43.884	ng		100
48) 2-Nitroaniline	13.976	65	60156	44.636	ng		97
49) Acenaphthylene	14.622	152	453570	42.762	ng		99
50) Dimethylphthalate	14.334	163	400110	43.008	ng		100
51) 2,6-Dinitrotoluene	14.463	165	88610	43.676	ng		99
52) Acenaphthene	14.957	154	269135	42.788	ng		99
53) 3-Nitroaniline	14.798	138	69635	35.404	ng		94
54) 2,4-Dinitrophenol	15.010	184	122105	96.002	ng		97
55) Dibenzofuran	15.286	168	485149	43.009	ng		100
56) 4-Nitrophenol	15.109	139	121499	90.404	ng		95
57) 2,4-Dinitrotoluene	15.250	165	127177	44.503	ng		99
58) Fluorene	15.932	166	393287	43.816	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.515	232	128303	45.525	ng		97
60) Diethylphthalate	15.679	149	376936	43.148	ng		99
61) 4-Chlorophenyl-phenyle...	15.909	204	238799	43.600	ng		97
62) 4-Nitroaniline	15.956	138	83085	42.216	ng		97
63) Azobenzene	16.208	77	264681	44.033	ng		98
65) 4,6-Dinitro-2-methylph...	16.014	198	89442	42.285	ng		97
66) n-Nitrosodiphenylamine	16.126	169	366382	43.012	ng		99
67) 4-Bromophenyl-phenylether	16.807	248	162342	42.150	ng		97
68) Hexachlorobenzene	16.937	284	171991	45.593	ng		99
69) Atrazine	17.066	200	156134	47.512	ng		96
70) Pentachlorophenol	17.283	266	173038	75.809	ng		97
71) Phenanthrene	17.671	178	679395	43.146	ng		99
72) Anthracene	17.765	178	686086	42.445	ng		98
73) Carbazole	18.030	167	598733	43.491	ng		100
74) Di-n-butylphthalate	18.552	149	618822	42.810	ng		100
75) Fluoranthene	19.663	202	828105	41.668	ng		99
77) Benzidine	19.833	184	262115	35.201	ng		99
78) Pyrene	20.027	202	844761	43.166	ng		99
80) Butylbenzylphthalate	20.879	149	252647	42.271	ng		99
81) Benzo(a)anthracene	21.902	228	820445	42.649	ng		99
82) 3,3'-Dichlorobenzidine	21.802	252	219296	31.656	ng		97
83) Chrysene	21.972	228	763258	42.232	ng		100
84) Bis(2-ethylhexyl)phtha...	21.755	149	355810	41.523	ng		100
85) Di-n-octyl phthalate	23.024	149	606777	42.520	ng		100
87) Indeno(1,2,3-cd)pyrene	29.293	276	957976	45.289	ng	#	95
88) Benzo(b)fluoranthene	24.252	252	861087	48.010	ng		100
89) Benzo(k)fluoranthene	24.322	252	826373	45.634	ng		100
90) Benzo(a)pyrene	25.186	252	752204	42.575	ng		97
91) Dibenzo(a,h)anthracene	29.346	278	816611	45.992	ng		98
92) Benzo(g,h,i)perylene	30.533	276	783378	45.726	ng		99

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

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