Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
Data File : BG057660.D
Acq On : 7 Jun 2023 7:19
Operator : CG/JU
Sample : PB153141BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Jun 07 08:02:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 01 03:51:58 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB153141BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
06/09/2023
Supervised By :mohammad ahmed
06/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.336	152	23694	20.000	ng		0.00
21) Naphthalene-d8	11.174	136	104439	20.000	ng		0.00
39) Acenaphthene-d10	14.957	164	80117	20.000	ng		0.00
64) Phenanthrene-d10	17.694	188	201020	20.000	ng		0.00
76) Chrysene-d12	22.006	240	180641	20.000	ng		0.00
86) Perylene-d12	25.490	264	196685	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.857	112	228480	167.528	ng		0.00
7) Phenol-d6	7.490	99	333589	156.293	ng		0.00
23) Nitrobenzene-d5	9.517	82	204577	91.567	ng		0.00
42) 2,4,6-Tribromophenol	16.443	330	160318	124.985	ng		0.00
45) 2-Fluorobiphenyl	13.582	172	513292	92.073	ng		0.00
79) Terphenyl-d14	20.267	244	998811	95.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.643	88	20712	36.654	ng		93
3) Pyridine	4.066	79	60347	34.933	ng		99
4) n-Nitrosodimethylamine	3.977	42	29437	42.115	ng		80
6) Aniline	7.649	93	99272	38.447	ng		98
8) 2-Chlorophenol	7.902	128	81285	55.516	ng		93
9) Benzaldehyde	7.467	77	45828	32.408	ng		94
10) Phenol	7.514	94	109766	54.336	ng		95
11) bis(2-Chloroethyl)ether	7.737	93	75397	49.984	ng		97
12) 1,3-Dichlorobenzene	8.225	146	79670	51.074	ng		99
13) 1,4-Dichlorobenzene	8.371	146	82605	52.052	ng		99
14) 1,2-Dichlorobenzene	8.700	146	80985	52.319	ng		94
15) Benzyl Alcohol	8.577	79	81860	49.858	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.859	45	98038	52.341	ng		95
17) 2-Methylphenol	8.783	107	75094	50.619	ng		97
18) Hexachloroethane	9.429	117	29464	54.222	ng		91
19) n-Nitroso-di-n-propyla...	9.141	70	69044	46.562	ng		97
20) 3+4-Methylphenols	9.112	107	103465	49.682	ng		96
22) Acetophenone	9.170	105	128262	45.928	ng	#	97
24) Nitrobenzene	9.564	77	100000	44.094	ng		100
25) Isophorone	10.081	82	187817	42.770	ng		98
26) 2-Nitrophenol	10.281	139	46569	47.892	ng		96
27) 2,4-Dimethylphenol	10.322	122	85094	50.617	ng		96
28) bis(2-Chloroethoxy)met...	10.551	93	109673	48.164	ng		99
29) 2,4-Dichlorophenol	10.827	162	87426	49.514	ng		97
30) 1,2,4-Trichlorobenzene	11.033	180	89579	46.550	ng		97
31) Naphthalene	11.226	128	252608	45.723	ng		97
32) Benzoic acid	10.480	122	31415m	34.255	ng		
33) 4-Chloroaniline	11.332	127	69869	27.501	ng		98
34) Hexachlorobutadiene	11.491	225	58968	44.303	ng		97
35) Caprolactam	12.108	113	30809m	42.090	ng		
36) 4-Chloro-3-methylphenol	12.437	107	97894	46.839	ng		98
37) 2-Methylnaphthalene	12.807	142	187390	43.216	ng		98
38) 1-Methylnaphthalene	13.024	142	176477	42.649	ng		95
40) 1,2,4,5-Tetrachloroben...	13.171	216	120900	45.975	ng		99
41) Hexachlorocyclopentadiene	13.136	237	63535	88.959	ng		98
43) 2,4,6-Trichlorophenol	13.406	196	75351	45.514	ng		96

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44) 2,4,5-Trichlorophenol	13.494	196	80772	40.964	ng		95
46) 1,1'-Biphenyl	13.794	154	268112	46.823	ng		97
47) 2-Chloronaphthalene	13.846	162	202160	46.872	ng		98
48) 2-Nitroaniline	14.046	65	67210	44.487	ng		97
49) Acenaphthylene	14.686	152	327452	44.835	ng		100
50) Dimethylphthalate	14.393	163	278167	42.126	ng		100
51) 2,6-Dinitrotoluene	14.528	165	63443	44.884	ng		96
52) Acenaphthene	15.021	154	202352	45.279	ng		98
53) 3-Nitroaniline	14.869	138	45846	31.097	ng		95
54) 2,4-Dinitrophenol	15.086	184	62404	73.850	ng		96
55) Dibenzofuran	15.350	168	334104	43.753	ng		100
56) 4-Nitrophenol	15.180	139	80589	82.041	ng		94
57) 2,4-Dinitrotoluene	15.321	165	92400	43.659	ng		98
58) Fluorene	15.996	166	279083	43.286	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.579	232	76505	41.416	ng		97
60) Diethylphthalate	15.738	149	293142	42.534	ng		99
61) 4-Chlorophenyl-phenyle...	15.973	204	155169	43.184	ng		97
62) 4-Nitroaniline	16.026	138	66666	41.919	ng		89
63) Azobenzene	16.267	77	272437	44.449	ng		97
65) 4,6-Dinitro-2-methylph...	16.090	198	56382	46.065	ng		96
66) n-Nitrosodiphenylamine	16.190	169	249457	47.745	ng		98
67) 4-Bromophenyl-phenylether	16.866	248	104317	46.262	ng		99
68) Hexachlorobenzene	17.007	284	113547	48.851	ng		98
69) Atrazine	17.124	200	111599	49.750	ng		99
70) Pentachlorophenol	17.353	266	82435	69.604	ng		97
71) Phenanthrene	17.741	178	473110	45.991	ng		98
72) Anthracene	17.835	178	483038	45.773	ng		98
73) Carbazole	18.099	167	438417	46.440	ng		99
74) Di-n-butylphthalate	18.611	149	513924	45.857	ng		99
75) Fluoranthene	19.733	202	582426	43.613	ng		99
77) Benzidine	19.897	184	277721	50.807	ng		99
78) Pyrene	20.091	202	595472	46.297	ng		99
80) Butylbenzylphthalate	20.937	149	225938	48.233	ng		99
81) Benzo(a)anthracene	21.982	228	582127	46.450	ng		99
82) 3,3'-Dichlorobenzidine	21.877	252	163761	35.435	ng	#	99
83) Chrysene	22.053	228	533200	45.022	ng		99
84) Bis(2-ethylhexyl)phtha...	21.818	149	325961	48.783	ng		98
85) Di-n-octyl phthalate	23.104	149	553241	49.952	ng		99
87) Indeno(1,2,3-cd)pyrene	29.537	276	655720	47.817	ng		98
88) Benzo(b)fluoranthene	24.373	252	586673	48.459	ng		98
89) Benzo(k)fluoranthene	24.450	252	582880	47.706	ng		98
90) Benzo(a)pyrene	25.331	252	520006	44.044	ng		98
91) Dibenzo(a,h)anthracene	29.590	278	546468	47.883	ng		98
92) Benzo(g,h,i)perylene	30.812	276	530569	47.669	ng		98

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

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