Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102422\
Data File : BG055253.D
Acq On : 24 Oct 2022 12:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 24 14:52:41 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 14:49:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/25/2022
Supervised By :mohammad ahmed 10/27/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.277	152	36426	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	164055	20.000	ng		0.00
39) Acenaphthene-d10	14.886	164	110176	20.000	ng		0.00
64) Phenanthrene-d10	17.624	188	261406	20.000	ng		0.00
76) Chrysene-d12	21.902	240	258382	20.000	ng		0.00
86) Perylene-d12	25.298	264	278559	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.791	112	41569	20.532	ng		0.00
7) Phenol-d6	7.413	99	57424	18.613	ng		0.00
23) Nitrobenzene-d5	9.446	82	60677	17.856	ng		0.00
42) 2,4,6-Tribromophenol	16.367	330	22536	19.740	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	135440	19.636	ng		0.00
79) Terphenyl-d14	20.192	244	246181	17.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	10104	10.262	ng		97
3) Pyridine	4.034	79	29068	9.375	ng		98
4) n-Nitrosodimethylamine	3.940	42	13107	9.034	ng	#	93
6) Aniline	7.583	93	37683	9.422	ng		97
8) 2-Chlorophenol	7.836	128	23731	9.694	ng		97
9) Benzaldehyde	7.401	77	22764	10.615	ng		95
10) Phenol	7.442	94	32718	9.387	ng		96
11) bis(2-Chloroethyl)ether	7.677	93	24990	9.312	ng		96
12) 1,3-Dichlorobenzene	8.165	146	26629	10.028	ng		98
13) 1,4-Dichlorobenzene	8.312	146	27798	10.248	ng		99
14) 1,2-Dichlorobenzene	8.635	146	26230	10.149	ng		98
15) Benzyl Alcohol	8.506	79	23595	8.905	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.799	45	41892	8.662	ng		98
17) 2-Methylphenol	8.705	107	22430	9.297	ng		98
18) Hexachloroethane	9.369	117	9424	9.599	ng		96
19) n-Nitroso-di-n-propyla...	9.076	70	23393	8.841	ng		99
20) 3+4-Methylphenols	9.034	107	31601	9.319	ng		99
22) Acetophenone	9.099	105	40934	9.224	ng	#	100
24) Nitrobenzene	9.487	77	32451	8.931	ng		99
25) Isophorone	10.010	82	60463	8.697	ng		99
26) 2-Nitrophenol	10.210	139	13180	9.221	ng		96
27) 2,4-Dimethylphenol	10.251	122	21502	9.446	ng		98
28) bis(2-Chloroethoxy)met...	10.486	93	31080	9.303	ng		98
29) 2,4-Dichlorophenol	10.744	162	22558	9.282	ng		99
30) 1,2,4-Trichlorobenzene	10.962	180	24114	9.691	ng		99
31) Naphthalene	11.156	128	85253	9.848	ng		100
32) Benzoic acid	10.392	122	10617m	6.516	ng		
33) 4-Chloroaniline	11.255	127	35161	9.864	ng		98
34) Hexachlorobutadiene	11.432	225	14055	9.354	ng		99
35) Caprolactam	12.002	113	10441	9.776	ng	#	88
36) 4-Chloro-3-methylphenol	12.354	107	27258	8.626	ng		96
37) 2-Methylnaphthalene	12.742	142	59376	9.017	ng		99
38) 1-Methylnaphthalene	12.953	142	58861	9.055	ng		97
40) 1,2,4,5-Tetrachloroben...	13.094	216	26568	10.259	ng		98
41) Hexachlorocyclopentadiene	13.077	237	9231	7.827	ng		97
43) 2,4,6-Trichlorophenol	13.329	196	18791	9.534	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.406	196	20355	9.413	ng		98
46)	1,1'-Biphenyl	13.729	154	75705	9.704	ng		99
47)	2-Chloronaphthalene	13.776	162	59711	9.942	ng		96
48)	2-Nitroaniline	13.964	65	21416	8.786	ng		95
49)	Acenaphthylene	14.616	152	101345	9.863	ng		100
50)	Dimethylphthalate	14.328	163	84939	9.801	ng		99
51)	2,6-Dinitrotoluene	14.452	165	16549	9.517	ng		100
52)	Acenaphthene	14.951	154	62961	9.624	ng		97
53)	3-Nitroaniline	14.781	138	20189	9.321	ng		94
54)	2,4-Dinitrophenol	14.992	184	6302	7.189	ng		98
55)	Dibenzofuran	15.280	168	95902	10.177	ng		99
56)	4-Nitrophenol	15.080	139	14092	9.253	ng		98
57)	2,4-Dinitrotoluene	15.233	165	23550	9.686	ng		98
58)	Fluorene	15.926	166	80028	10.085	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.503	232	17228	9.149	ng	#	99
60)	Diethylphthalate	15.674	149	90621	9.995	ng		99
61)	4-Chlorophenyl-phenyle...	15.909	204	36246	9.841	ng		98
62)	4-Nitroaniline	15.938	138	22736	10.348	ng		98
63)	Azobenzene	16.203	77	86830	9.476	ng		98
65)	4,6-Dinitro-2-methylph...	15.997	198	12089	8.658	ng		97
66)	n-Nitrosodiphenylamine	16.120	169	69860	9.576	ng		99
67)	4-Bromophenyl-phenylether	16.802	248	23608	9.266	ng		94
68)	Hexachlorobenzene	16.925	284	27029	9.693	ng		97
69)	Atrazine	17.054	200	27530	11.449	ng		97
70)	Pentachlorophenol	17.272	266	11611	7.715	ng		95
71)	Phenanthrene	17.666	178	136429	9.781	ng		98
72)	Anthracene	17.754	178	134796	9.889	ng		100
73)	Carbazole	18.018	167	131793	10.499	ng		99
74)	Di-n-butylphthalate	18.553	149	169917	10.378	ng		99
75)	Fluoranthene	19.651	202	169040	10.940	ng		99
77)	Benzidine	19.822	184	76858	11.697	ng		99
78)	Pyrene	20.016	202	172958	8.884	ng		99
80)	Butylbenzylphthalate	20.874	149	80498	8.846	ng		98
81)	Benzo(a)anthracene	21.878	228	173769	10.368	ng		99
82)	3,3'-Dichlorobenzidine	21.784	252	55843	9.704	ng		98
83)	Chrysene	21.949	228	165730	10.618	ng		97
84)	Bis(2-ethylhexyl)phtha...	21.755	149	119818	10.063	ng		100
85)	Di-n-octyl phthalate	23.018	149	198554	11.185	ng		99
87)	Indeno(1,2,3-cd)pyrene	29.205	276	199474	10.296	ng	#	92
88)	Benzo(b)fluoranthene	24.211	252	163788	9.901	ng		99
89)	Benzo(k)fluoranthene	24.281	252	166945	9.965	ng		99
90)	Benzo(a)pyrene	25.133	252	140555	9.900	ng		98
91)	Dibenzo(a,h)anthracene	29.264	278	163389	10.294	ng		99
92)	Benzo(g,h,i)perylene	30.427	276	161800	10.523	ng		99

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

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