Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030722\
Data File : BG052584.D
Acq On : 7 Mar 2022 10:20
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 07 13:13:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 07 13:13:00 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/08/2022
Supervised By :Jagrut Upadhyay 03/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.225	152	29001	20.000	ng		0.00
21) Naphthalene-d8	11.056	136	115629	20.000	ng	#	0.00
39) Acenaphthene-d10	14.869	164	79980	20.000	ng		0.00
64) Phenanthrene-d10	17.612	188	202612	20.000	ng		0.00
76) Chrysene-d12	21.930	240	225375	20.000	ng		0.00
86) Perylene-d12	25.390	264	221144	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.752	112	18081	10.866	ng		0.00
7) Phenol-d6	7.373	99	25298	9.853	ng		0.00
23) Nitrobenzene-d5	9.394	82	26077	9.801	ng		0.00
42) 2,4,6-Tribromophenol	16.355	330	11211	9.757	ng		0.00
45) 2-Fluorobiphenyl	13.483	172	64712	11.243	ng		0.00
79) Terphenyl-d14	20.209	244	138761	10.872	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.584	88	4141	5.405	ng		92
3) Pyridine	4.007	79	9933m	4.470	ng		
4) n-Nitrosodimethylamine	3.901	42	5539	4.827	ng	#	96
6) Aniline	7.532	93	15037	5.041	ng		93
8) 2-Chlorophenol	7.784	128	9430	5.152	ng		98
9) Benzaldehyde	7.344	77	8199	5.202	ng		97
10) Phenol	7.397	94	12577	4.930	ng		94
11) bis(2-Chloroethyl)ether	7.626	93	10272	5.268	ng		88
12) 1,3-Dichlorobenzene	8.108	146	11482	5.505	ng		96
13) 1,4-Dichlorobenzene	8.254	146	11383	5.354	ng		92
14) 1,2-Dichlorobenzene	8.583	146	11302	5.390	ng		93
15) Benzyl Alcohol	8.460	79	9709	4.556	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.742	45	13988	4.968	ng		95
17) 2-Methylphenol	8.666	107	8836	5.249	ng		90
18) Hexachloroethane	9.324	117	4068	5.503	ng	#	76
19) n-Nitroso-di-n-propyla...	9.018	70	8773	4.533	ng	#	89
20) 3+4-Methylphenols	8.995	107	11199	4.650	ng		89
22) Acetophenone	9.047	105	16032	5.246	ng	#	89
24) Nitrobenzene	9.435	77	12601	4.993	ng		92
25) Isophorone	9.958	82	22923	5.064	ng	#	97
26) 2-Nitrophenol	10.164	139	4872	4.555	ng	#	91
27) 2,4-Dimethylphenol	10.216	122	7330	4.628	ng		80
28) bis(2-Chloroethoxy)met...	10.440	93	14460	5.628	ng		98
29) 2,4-Dichlorophenol	10.710	162	8326	4.386	ng		93
30) 1,2,4-Trichlorobenzene	10.921	180	11706	5.281	ng		94
31) Naphthalene	11.109	128	32972	5.439	ng	#	94
33) 4-Chloroaniline	11.215	127	11954	4.723	ng	#	92
34) Hexachlorobutadiene	11.397	225	8423	5.626	ng		89
35) Caprolactam	11.955	113	2692	3.891	ng		92
36) 4-Chloro-3-methylphenol	12.331	107	9187	4.254	ng		97
37) 2-Methylnaphthalene	12.707	142	23432	5.204	ng		96
38) 1-Methylnaphthalene	12.925	142	23203	5.318	ng		98
40) 1,2,4,5-Tetrachloroben...	13.071	216	14758	5.610	ng	#	97
43) 2,4,6-Trichlorophenol	13.312	196	7878	4.579	ng		95
44) 2,4,5-Trichlorophenol	13.394	196	8355	4.481	ng	#	87
46) 1,1'-Biphenyl	13.700	154	32261	5.501	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.747	162	23864	5.282	ng		93
48)	2-Nitroaniline	13.947	65	7531	4.682	ng		91
49)	Acenaphthylene	14.587	152	39471	5.366	ng		96
50)	Dimethylphthalate	14.299	163	33727	5.505	ng	#	95
51)	2,6-Dinitrotoluene	14.428	165	7017	5.307	ng		90
52)	Acenaphthene	14.928	154	24091m	5.001	ng		
53)	3-Nitroaniline	14.769	138	7121	5.182	ng	#	78
55)	Dibenzofuran	15.263	168	41407	5.466	ng		96
56)	4-Nitrophenol	15.104	139	3746m	3.630	ng		
57)	2,4-Dinitrotoluene	15.221	165	9231	4.905	ng	#	84
58)	Fluorene	15.909	166	33044	5.464	ng	#	98
59)	2,3,4,6-Tetrachlorophenol	15.492	232	8132	4.566	ng	#	89
60)	Diethylphthalate	15.656	149	33519	5.416	ng		98
61)	4-Chlorophenyl-phenyle...	15.897	204	18280	5.306	ng		91
62)	4-Nitroaniline	15.926	138	6702	4.632	ng	#	76
63)	Azobenzene	16.185	77	33890	5.349	ng		91
65)	4,6-Dinitro-2-methylph...	15.991	198	4980	4.086	ng		83
66)	n-Nitrosodiphenylamine	16.108	169	28803	5.160	ng		94
67)	4-Bromophenyl-phenylether	16.790	248	12868	5.222	ng		94
68)	Hexachlorobenzene	16.925	284	13571	5.078	ng		92
69)	Atrazine	17.042	200	11534	5.110	ng		92
71)	Phenanthrene	17.659	178	56721	5.431	ng		95
72)	Anthracene	17.747	178	56141	5.485	ng		97
73)	Carbazole	18.018	167	52968	5.306	ng		97
74)	Di-n-butylphthalate	18.552	149	58661	5.393	ng		97
75)	Fluoranthene	19.662	202	73365	5.516	ng		98
77)	Benzidine	19.833	184	24934	5.178	ng		97
78)	Pyrene	20.027	202	75782	5.025	ng		98
80)	Butylbenzylphthalate	20.890	149	26048	4.972	ng		93
81)	Benzo(a)anthracene	21.906	228	76782	5.148	ng		98
82)	3,3'-Dichlorobenzidine	21.812	252	26629	5.115	ng	#	95
83)	Chrysene	21.977	228	75224	5.323	ng		95
84)	Bis(2-ethylhexyl)phtha...	21.783	149	36442	5.017	ng		96
85)	Di-n-octyl phthalate	23.075	149	60977	5.007	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	29.402	276	82360	5.089	ng	#	94
88)	Benzo(b)fluoranthene	24.286	252	73478	5.332	ng		98
89)	Benzo(k)fluoranthene	24.356	252	72590	5.332	ng		100
90)	Benzo(a)pyrene	25.231	252	59361	5.099	ng		97
91)	Dibenzo(a,h)anthracene	29.455	278	68108	5.095	ng	#	94
92)	Benzo(g,h,i)perylene	30.636	276	66603	5.077	ng		95

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

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