Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012723\
Data File : BG056454.D
Acq On : 27 Jan 2023 11:35
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Jan 27 23:44:53 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 27 23:42:35 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/30/2023
Supervised By :Jagrut Upadhyay 01/30/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.282	152	29267	20.000	ng		0.00
21) Naphthalene-d8	11.114	136	119842	20.000	ng		0.00
39) Acenaphthene-d10	14.904	164	102552	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	280366	20.000	ng		0.00
76) Chrysene-d12	21.931	240	273923	20.000	ng		0.00
86) Perylene-d12	25.356	264	302151	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.803	112	17400	10.937	ng		0.00
7) Phenol-d6	7.424	99	24245	10.285	ng		0.00
23) Nitrobenzene-d5	9.457	82	22411	10.619	ng		0.00
42) 2,4,6-Tribromophenol	16.384	330	14078	10.326	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	76050	10.281	ng		0.00
79) Terphenyl-d14	20.215	244	173769	11.142	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.599	88	3832	5.784	ng	#	98
3) Pyridine	4.034	79	10431	5.314	ng		96
4) n-Nitrosodimethylamine	3.934	42	2095	4.989	ng	#	96
6) Aniline	7.595	93	15781	5.113	ng	#	91
8) 2-Chlorophenol	7.841	128	9179	5.252	ng		92
9) Benzaldehyde	7.407	77	7172	6.202	ng		89
10) Phenol	7.454	94	12365	5.161	ng		96
11) bis(2-Chloroethyl)ether	7.683	93	8671	5.265	ng		98
12) 1,3-Dichlorobenzene	8.170	146	11187	5.559	ng		96
13) 1,4-Dichlorobenzene	8.317	146	10880	5.339	ng		92
14) 1,2-Dichlorobenzene	8.640	146	10678	5.401	ng		97
15) Benzyl Alcohol	8.517	79	7873	4.868	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.799	45	1672	4.792	ng		97
17) 2-Methylphenol	8.717	107	9527	5.227	ng	#	95
18) Hexachloroethane	9.375	117	3335	5.411	ng		94
19) n-Nitroso-di-n-propyla...	9.081	70	7472	5.500	ng	#	92
20) 3+4-Methylphenols	9.046	107	12030	4.710	ng		93
22) Acetophenone	9.105	105	16634	5.224	ng	#	94
24) Nitrobenzene	9.498	77	10173	4.997	ng		100
25) Isophorone	10.015	82	22547	5.179	ng		94
26) 2-Nitrophenol	10.221	139	6146	4.976	ng	#	92
27) 2,4-Dimethylphenol	10.268	122	10494	5.111	ng		95
28) bis(2-Chloroethoxy)met...	10.497	93	12664	5.265	ng		97
29) 2,4-Dichlorophenol	10.761	162	11395	4.897	ng		92
30) 1,2,4-Trichlorobenzene	10.967	180	13329	5.155	ng		91
31) Naphthalene	11.167	128	32350	5.114	ng		98
33) 4-Chloroaniline	11.267	127	14942	5.061	ng		96
34) Hexachlorobutadiene	11.437	225	9140	5.036	ng		97
35) Caprolactam	12.013	113	4584	5.842	ng		93
36) 4-Chloro-3-methylphenol	12.371	107	10530	4.686	ng		87
37) 2-Methylnaphthalene	12.753	142	27331	5.241	ng		94
38) 1-Methylnaphthalene	12.965	142	25185m	5.171	ng		
40) 1,2,4,5-Tetrachloroben...	13.112	216	18391	4.909	ng		98
43) 2,4,6-Trichlorophenol	13.347	196	11552	4.785	ng		96
44) 2,4,5-Trichlorophenol	13.423	196	13279	4.726	ng		99
46) 1,1'-Biphenyl	13.734	154	38972	5.239	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47)	2-Chloronaphthalene	13.787	162	30168	5.189	ng		98
48)	2-Nitroaniline	13.981	65	5831	4.851	ng		93
49)	Acenaphthylene	14.628	152	48311	5.107	ng		97
50)	Dimethylphthalate	14.334	163	45146	5.441	ng		98
51)	2,6-Dinitrotoluene	14.463	165	9977	5.514	ng	#	89
52)	Acenaphthene	14.962	154	28839	5.141	ng		92
53)	3-Nitroaniline	14.798	138	9126	5.203	ng	#	99
55)	Dibenzofuran	15.297	168	52901	5.259	ng		96
56)	4-Nitrophenol	15.109	139	5994m	5.027	ng		
57)	2,4-Dinitrotoluene	15.250	165	13047	5.119	ng	#	93
58)	Fluorene	15.944	166	42167	5.268	ng		96
59)	2,3,4,6-Tetrachlorophenol	15.527	232	12027	4.785	ng	#	98
60)	Diethylphthalate	15.685	149	42646	5.474	ng		99
61)	4-Chlorophenyl-phenyle...	15.920	204	25422	5.205	ng	#	94
62)	4-Nitroaniline	15.955	138	9365	5.336	ng		99
63)	Azobenzene	16.214	77	28854	5.383	ng		95
65)	4,6-Dinitro-2-methylph...	16.020	198	8479	4.302	ng		94
66)	n-Nitrosodiphenylamine	16.138	169	39521	4.979	ng		98
67)	4-Bromophenyl-phenylether	16.813	248	17295	4.819	ng		97
68)	Hexachlorobenzene	16.942	284	17811	5.067	ng		97
69)	Atrazine	17.066	200	16484	5.383	ng		91
71)	Phenanthrene	17.683	178	76353	5.203	ng		97
72)	Anthracene	17.771	178	77571	5.150	ng		99
73)	Carbazole	18.035	167	67997	5.300	ng		98
74)	Di-n-butylphthalate	18.564	149	70993	5.270	ng		99
75)	Fluoranthene	19.675	202	100705	5.438	ng		97
78)	Pyrene	20.033	202	106508	5.467	ng		99
80)	Butylbenzylphthalate	20.891	149	30558	5.136	ng		95
81)	Benzo(a)anthracene	21.907	228	98499	5.143	ng		98
82)	3,3'-Dichlorobenzidine	21.807	252	36548	5.300	ng		97
83)	Chrysene	21.978	228	91305	5.075	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.766	149	43461	5.095	ng		97
85)	Di-n-octyl phthalate	23.041	149	71850	5.058	ng	#	99
87)	Indeno(1,2,3-cd)pyrene	29.293	276	112060	5.066	ng	#	95
88)	Benzo(b)fluoranthene	24.257	252	95835m	5.110	ng		
89)	Benzo(k)fluoranthene	24.328	252	96294m	5.087	ng		
90)	Benzo(a)pyrene	25.192	252	94918	5.138	ng		94
91)	Dibenzo(a,h)anthracene	29.340	278	95910	5.166	ng		96
92)	Benzo(g,h,i)perylene	30.532	276	89783	5.012	ng		100

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

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