Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039915.D
Acq On : 12 May 2023 12:48
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/15/2023
Supervised By :Yogesh Patel 05/16/2023

Quant Time: May 13 02:03:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:01:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.037	152	355307	20.000	ng		0.00
21) Naphthalene-d8	10.854	136	1614935	20.000	ng		0.00
39) Acenaphthene-d10	14.671	164	966284	20.000	ng		0.00
64) Phenanthrene-d10	17.412	188	1988899	20.000	ng		0.00
76) Chrysene-d12	21.589	240	1853809	20.000	ng		0.00
86) Perylene-d12	24.047	264	1878601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.572	112	434854	19.889	ng		0.00
7) Phenol-d6	7.178	99	573534	19.687	ng		0.00
23) Nitrobenzene-d5	9.201	82	476533	17.282	ng		0.00
42) 2,4,6-Tribromophenol	16.148	330	222330	23.449	ng		0.00
45) 2-Fluorobiphenyl	13.301	172	1418719	18.781	ng		0.00
79) Terphenyl-d14	20.030	244	2077793	20.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	88907	10.763	ng		99
3) Pyridine	3.843	79	233345	9.976	ng		98
4) n-Nitrosodimethylamine	3.749	42	88909	10.562	ng	#	97
6) Aniline	7.348	93	356635	9.844	ng		99
8) 2-Chlorophenol	7.590	128	234782	9.598	ng		96
9) Benzaldehyde	7.166	77	193862	7.511	ng		99
10) Phenol	7.207	94	292324	9.986	ng		98
11) bis(2-Chloroethyl)ether	7.454	93	250895	10.234	ng		97
12) 1,3-Dichlorobenzene	7.925	146	254784	10.065	ng		98
13) 1,4-Dichlorobenzene	8.072	146	260373	10.028	ng		99
14) 1,2-Dichlorobenzene	8.389	146	257702	10.037	ng		98
15) Benzyl Alcohol	8.272	79	178751	9.212	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.572	45	288292	10.591	ng		99
17) 2-Methylphenol	8.472	107	209435	9.737	ng		98
18) Hexachloroethane	9.125	117	85366	9.449	ng		97
19) n-Nitroso-di-n-propyla...	8.842	70	192987	9.981	ng		97
20) 3+4-Methylphenols	8.795	107	269970	9.441	ng		97
22) Acetophenone	8.860	105	408733	9.596	ng	#	98
24) Nitrobenzene	9.242	77	256980	9.219	ng		95
25) Isophorone	9.766	82	539349	9.497	ng		97
26) 2-Nitrophenol	9.960	139	59466	9.478	ng		98
27) 2,4-Dimethylphenol	10.013	122	216530	8.964	ng		99
28) bis(2-Chloroethoxy)met...	10.260	93	332771	9.561	ng		99
29) 2,4-Dichlorophenol	10.489	162	199047	8.675	ng		97
30) 1,2,4-Trichlorobenzene	10.713	180	227849	9.083	ng		99
31) Naphthalene	10.901	128	846303	9.659	ng		99
32) Benzoic acid	10.083	122	56200m	12.760	ng		
33) 4-Chloroaniline	11.007	127	353988	9.230	ng		99
34) Hexachlorobutadiene	11.189	225	129998	9.092	ng		93
35) Caprolactam	11.760	113	58089	8.426	ng		98
36) 4-Chloro-3-methylphenol	12.119	107	222709	9.080	ng		99
37) 2-Methylnaphthalene	12.507	142	572794	9.177	ng		98
38) 1-Methylnaphthalene	12.724	142	538698	9.162	ng		98
40) 1,2,4,5-Tetrachloroben...	12.866	216	247096	8.477	ng		98
41) Hexachlorocyclopentadiene	12.854	237	74119	10.219	ng		99
43) 2,4,6-Trichlorophenol	13.101	196	144592	8.119	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.172	196	175147	8.336	ng		96
46)	1,1'-Biphenyl	13.507	154	731098	9.133	ng		99
47)	2-Chloronaphthalene	13.548	162	543569	9.155	ng		98
48)	2-Nitroaniline	13.748	65	77559	9.657	ng		96
49)	Acenaphthylene	14.389	152	876504	9.154	ng		98
50)	Dimethylphthalate	14.124	163	691160	9.172	ng		99
51)	2,6-Dinitrotoluene	14.242	165	105040	10.227	ng		91
52)	Acenaphthene	14.730	154	552917	8.864	ng		98
53)	3-Nitroaniline	14.566	138	119657	10.026	ng	#	97
54)	2,4-Dinitrophenol	14.766	184	22651	11.175	ng	#	86
55)	Dibenzofuran	15.065	168	866868	9.323	ng		100
56)	4-Nitrophenol	14.854	139	94994	7.265	ng		90
57)	2,4-Dinitrotoluene	15.018	165	119441	10.229	ng		90
58)	Fluorene	15.713	166	713822	8.737	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.283	232	143730m	8.318	ng		
60)	Diethylphthalate	15.489	149	714401	9.195	ng		98
61)	4-Chlorophenyl-phenyle...	15.713	204	344001	8.485	ng		95
62)	4-Nitroaniline	15.718	138	132509	9.279	ng		92
63)	Azobenzene	16.001	77	741475	9.975	ng		95
65)	4,6-Dinitro-2-methylph...	15.777	198	35568	10.743	ng		85
66)	n-Nitrosodiphenylamine	15.918	169	580381	8.468	ng		100
67)	4-Bromophenyl-phenylether	16.601	248	184297	7.964	ng	#	93
68)	Hexachlorobenzene	16.712	284	228562	8.389	ng		94
69)	Atrazine	16.865	200	144066	8.226	ng		97
70)	Pentachlorophenol	17.054	266	121506	6.899	ng		98
71)	Phenanthrene	17.454	178	1057536	9.007	ng		100
72)	Anthracene	17.542	178	1031817	8.781	ng		99
73)	Carbazole	17.812	167	935621	8.822	ng		99
74)	Di-n-butylphthalate	18.383	149	1017318	8.509	ng		99
75)	Fluoranthene	19.459	202	1026963	8.710	ng		97
77)	Benzidine	19.648	184	229048	9.187	ng		98
78)	Pyrene	19.824	202	1109568	8.431	ng		99
80)	Butylbenzylphthalate	20.724	149	221768	9.667	ng	#	84
81)	Benzo(a)anthracene	21.571	228	1152074	9.046	ng		99
82)	3,3'-Dichlorobenzidine	21.500	252	231501	11.551	ng	#	97
83)	Chrysene	21.624	228	1073809	8.951	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.512	149	494182	9.757	ng		94
85)	Di-n-octyl phthalate	22.465	149	670695	11.703	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.618	276	1109270	8.342	ng		97
88)	Benzo(b)fluoranthene	23.294	252	1000385	8.155	ng		97
89)	Benzo(k)fluoranthene	23.347	252	1044535	7.893	ng	#	98
90)	Benzo(a)pyrene	23.936	252	904906	7.981	ng		98
91)	Dibenzo(a,h)anthracene	26.641	278	944081	8.185	ng		97
92)	Benzo(g,h,i)perylene	27.400	276	863817	8.696	ng		98

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

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