Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052622\
Data File : BM035266.D
Acq On : 26 May 2022 13:55
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/27/2022
Supervised By :Jagrut Upadhyay 05/27/2022

Quant Time: May 26 17:18:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 26 17:12:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.881	152	100669	20.000	ng		0.00
21) Naphthalene-d8	10.680	136	466080	20.000	ng		0.00
39) Acenaphthene-d10	14.521	164	334091	20.000	ng		0.00
64) Phenanthrene-d10	17.262	188	863909	20.000	ng	#	0.00
76) Chrysene-d12	21.444	240	938598	20.000	ng	#	0.00
86) Perylene-d12	23.821	264	961130	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	115712	20.278	ng		0.00
7) Phenol-d6	7.051	99	157775	21.418	ng		0.00
23) Nitrobenzene-d5	9.039	82	168919	19.572	ng		0.00
42) 2,4,6-Tribromophenol	16.009	330	100917	27.768	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	438636	19.059	ng		0.00
79) Terphenyl-d14	19.886	244	972404	20.059	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	22547	9.766	ng		95
3) Pyridine	3.769	79	59753	9.289	ng		97
4) n-Nitrosodimethylamine	3.681	42	32434	10.226	ng	#	98
6) Aniline	7.210	93	85517	10.107	ng		99
8) 2-Chlorophenol	7.445	128	64868	10.214	ng		97
9) Benzaldehyde	7.022	77	50928	10.622	ng		98
10) Phenol	7.081	94	77927	10.344	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	62580	11.034	ng		98
12) 1,3-Dichlorobenzene	7.775	146	73102	10.162	ng		97
13) 1,4-Dichlorobenzene	7.916	146	75735	10.287	ng		100
14) 1,2-Dichlorobenzene	8.234	146	74819	10.674	ng		98
15) Benzyl Alcohol	8.128	79	59345	10.780	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.416	45	97193	10.574	ng		98
17) 2-Methylphenol	8.334	107	56095	10.966	ng		99
18) Hexachloroethane	8.963	117	27074	10.019	ng		98
19) n-Nitroso-di-n-propyla...	8.692	70	57043	11.829	ng		97
20) 3+4-Methylphenols	8.657	107	76402	10.916	ng		94
22) Acetophenone	8.704	105	111252	9.856	ng	#	99
24) Nitrobenzene	9.081	77	79301	9.134	ng		98
25) Isophorone	9.616	82	139858	9.692	ng		100
26) 2-Nitrophenol	9.798	139	36767	9.705	ng		99
27) 2,4-Dimethylphenol	9.863	122	56454	9.664	ng		95
28) bis(2-Chloroethoxy)met...	10.098	93	92474	11.135	ng		99
29) 2,4-Dichlorophenol	10.339	162	67260	9.765	ng		97
30) 1,2,4-Trichlorobenzene	10.551	180	75315	9.660	ng		100
31) Naphthalene	10.733	128	224488	9.337	ng		99
32) Benzoic acid	9.975	122	44614	9.519	ng		95
33) 4-Chloroaniline	10.845	127	93394	9.657	ng		98
34) Hexachlorobutadiene	11.027	225	46641	9.689	ng		98
35) Caprolactam	11.622	113	21948	11.033	ng		93
36) 4-Chloro-3-methylphenol	11.980	107	76365	10.714	ng		99
37) 2-Methylnaphthalene	12.345	142	165426	9.930	ng		97
38) 1-Methylnaphthalene	12.563	142	161703	9.939	ng		99
40) 1,2,4,5-Tetrachloroben...	12.716	216	86410	9.083	ng		99
41) Hexachlorocyclopentadiene	12.698	237	38024	6.676	ng		98
43) 2,4,6-Trichlorophenol	12.957	196	60263	9.358	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.033	196	64508	9.021	ng		99
46)	1,1'-Biphenyl	13.357	154	233045	9.259	ng		98
47)	2-Chloronaphthalene	13.398	162	177300	9.039	ng		99
48)	2-Nitroaniline	13.604	65	50102	8.879	ng		97
49)	Acenaphthylene	14.239	152	277929	9.203	ng		100
50)	Dimethylphthalate	13.980	163	240276	9.647	ng		100
51)	2,6-Dinitrotoluene	14.092	165	48667	9.597	ng		98
52)	Acenaphthene	14.586	154	169905	8.304	ng		99
53)	3-Nitroaniline	14.427	138	50361	9.256	ng		96
54)	2,4-Dinitrophenol	14.639	184	25389	8.512	ng		96
55)	Dibenzofuran	14.915	168	288241	9.868	ng		99
56)	4-Nitrophenol	14.745	139	37741	8.492	ng		91
57)	2,4-Dinitrotoluene	14.886	165	67098	9.871	ng		97
58)	Fluorene	15.568	166	229179	9.446	ng		98
59)	2,3,4,6-Tetrachlorophenol	15.151	232	60050	9.877	ng		97
60)	Diethylphthalate	15.339	149	258538	10.191	ng		99
61)	4-Chlorophenyl-phenyle...	15.562	204	118526	10.207	ng		98
62)	4-Nitroaniline	15.586	138	52786	9.369	ng		94
63)	Azobenzene	15.857	77	223801	9.672	ng		95
65)	4,6-Dinitro-2-methylph...	15.651	198	41301	7.997	ng		96
66)	n-Nitrosodiphenylamine	15.774	169	235051	8.978	ng		99
67)	4-Bromophenyl-phenylether	16.457	248	91099	10.374	ng		91
68)	Hexachlorobenzene	16.574	284	100114	10.098	ng		93
69)	Atrazine	16.727	200	88170	10.031	ng		97
70)	Pentachlorophenol	16.921	266	57732	9.294	ng		99
71)	Phenanthrene	17.304	178	430860	8.949	ng		100
72)	Anthracene	17.398	178	417535	8.981	ng		99
73)	Carbazole	17.668	167	410373	9.665	ng		98
74)	Di-n-butylphthalate	18.239	149	487886	9.031	ng		99
75)	Fluoranthene	19.321	202	521505	9.864	ng		97
77)	Benzidine	19.509	184	155372	5.419	ng		99
78)	Pyrene	19.680	202	550310	8.866	ng		99
80)	Butylbenzylphthalate	20.586	149	225239	8.267	ng		92
81)	Benzo(a)anthracene	21.433	228	583632	9.319	ng		99
82)	3,3'-Dichlorobenzidine	21.362	252	142467	7.805	ng		99
83)	Chrysene	21.480	228	554634	9.271	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.362	149	343000	8.187	ng		99
85)	Di-n-octyl phthalate	22.280	149	585133	8.472	ng	#	95
87)	Indeno(1,2,3-cd)pyrene	26.274	276	588270	8.050	ng		95
88)	Benzo(b)fluoranthene	23.097	252	568657	9.407	ng		98
89)	Benzo(k)fluoranthene	23.144	252	554724m	9.065	ng		
90)	Benzo(a)pyrene	23.709	252	460842	9.176	ng	#	98
91)	Dibenzo(a,h)anthracene	26.285	278	490172	7.997	ng	#	96
92)	Benzo(g,h,i)perylene	27.026	276	478419	8.123	ng	#	95

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

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