Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022222\
Data File : BM034036.D
Acq On : 22 Feb 2022 11:39
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 22 16:01:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 22 16:00:49 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 02/23/2022
Supervised By :Jagrut Upadhyay 02/23/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	218492	20.000	ng		0.00
21) Naphthalene-d8	10.836	136	856024	20.000	ng	#	0.00
39) Acenaphthene-d10	14.654	164	547638	20.000	ng		0.00
64) Phenanthrene-d10	17.389	188	1063874	20.000	ng	#	0.00
76) Chrysene-d12	21.565	240	916858	20.000	ng		0.00
86) Perylene-d12	24.024	264	947033	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.566	112	136161	10.091	ng		0.00
7) Phenol-d6	7.160	99	170063	10.338	ng		-0.01
23) Nitrobenzene-d5	9.178	82	157539	8.644	ng		0.00
42) 2,4,6-Tribromophenol	16.130	330	58579	9.663	ng		0.00
45) 2-Fluorobiphenyl	13.283	172	432904	10.379	ng		0.00
79) Terphenyl-d14	20.006	244	542655	11.706	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.431	88	27612	5.060	ng		89
3) Pyridine	3.843	79	71509	4.375	ng		85
4) n-Nitrosodimethylamine	3.743	42	37865	6.423	ng	#	78
6) Aniline	7.331	93	94476	5.075	ng		95
8) 2-Chlorophenol	7.578	128	72614	5.407	ng		86
9) Benzaldehyde	7.148	77	50927m	5.406	ng		
10) Phenol	7.189	94	84372	4.975	ng		93
11) bis(2-Chloroethyl)ether	7.431	93	68008	4.914	ng		92
12) 1,3-Dichlorobenzene	7.907	146	89276	5.574	ng	#	95
13) 1,4-Dichlorobenzene	8.054	146	91622	5.926	ng		93
14) 1,2-Dichlorobenzene	8.372	146	88463	5.686	ng		95
15) Benzyl Alcohol	8.248	79	62494	4.932	ng		92
16) 2,2'-oxybis(1-Chloropr...	8.554	45	93387	6.262	ng		96
17) 2-Methylphenol	8.454	107	57295	5.178	ng		93
18) Hexachloroethane	9.113	117	29604	5.065	ng	#	84
19) n-Nitroso-di-n-propyla...	8.825	70	51280	4.831	ng	#	95
20) 3+4-Methylphenols	8.778	107	77755	5.095	ng		94
22) Acetophenone	8.842	105	107168	5.006	ng		92
24) Nitrobenzene	9.219	77	74650	4.585	ng		92
25) Isophorone	9.754	82	122195	4.593	ng	#	94
26) 2-Nitrophenol	9.936	139	29204	4.235	ng	#	78
27) 2,4-Dimethylphenol	9.995	122	55775	4.624	ng		87
28) bis(2-Chloroethoxy)met...	10.236	93	88191	5.015	ng		98
29) 2,4-Dichlorophenol	10.472	162	65725	5.199	ng		96
30) 1,2,4-Trichlorobenzene	10.695	180	85064	5.539	ng		95
31) Naphthalene	10.883	128	231640	5.206	ng		99
33) 4-Chloroaniline	10.983	127	88715	5.090	ng	#	89
34) Hexachlorobutadiene	11.183	225	54439	5.569	ng		99
35) Caprolactam	11.730	113	10887	3.088	ng	#	58
36) 4-Chloro-3-methylphenol	12.101	107	62581	4.539	ng	#	81
37) 2-Methylnaphthalene	12.489	142	160030	5.638	ng		96
38) 1-Methylnaphthalene	12.707	142	156284	5.514	ng		100
40) 1,2,4,5-Tetrachloroben...	12.854	216	92365	5.059	ng	#	97
41) Hexachlorocyclopentadiene	12.842	237	48035	5.041	ng		100
43) 2,4,6-Trichlorophenol	13.089	196	54625	5.200	ng		97
44) 2,4,5-Trichlorophenol	13.154	196	58154	4.921	ng	#	90

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.495	154	217771	5.194	ng		97
47)	2-Chloronaphthalene	13.530	162	170956	5.080	ng		96
48)	2-Nitroaniline	13.724	65	30652	3.332	ng	#	76
49)	Acenaphthylene	14.377	152	244065	5.302	ng		99
50)	Dimethylphthalate	14.107	163	203248	5.179	ng		99
51)	2,6-Dinitrotoluene	14.213	165	34260	4.210	ng	#	85
52)	Acenaphthene	14.718	154	160627	5.088	ng		99
53)	3-Nitroaniline	14.542	138	32833	4.036	ng		83
55)	Dibenzofuran	15.048	168	257611	5.642	ng		99
56)	4-Nitrophenol	14.830	139	24619	3.482	ng	#	76
57)	2,4-Dinitrotoluene	14.995	165	39844	3.944	ng	#	80
58)	Fluorene	15.695	166	199927	4.976	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.271	232	50697	5.262	ng	#	90
60)	Diethylphthalate	15.465	149	190094	4.524	ng		99
61)	4-Chlorophenyl-phenyle...	15.689	204	107956	4.886	ng		94
62)	4-Nitroaniline	15.695	138	31157	3.709	ng		89
63)	Azobenzene	15.983	77	166035	4.208	ng		90
66)	n-Nitrosodiphenylamine	15.901	169	167171	5.046	ng		99
67)	4-Bromophenyl-phenylether	16.583	248	61643	5.509	ng		91
68)	Hexachlorobenzene	16.701	284	71175	5.090	ng		91
69)	Atrazine	16.848	200	51841	5.178	ng		96
70)	Pentachlorophenol	17.036	266	34026	3.957	ng		95
71)	Phenanthrene	17.436	178	308817	5.015	ng		100
72)	Anthracene	17.524	178	283500	4.704	ng		100
73)	Carbazole	17.789	167	264461	4.324	ng		98
74)	Di-n-butylphthalate	18.365	149	246379	3.738	ng		100
75)	Fluoranthene	19.442	202	314873	5.168	ng		97
77)	Benzidine	19.618	184	78288	4.780	ng		100
78)	Pyrene	19.800	202	320011	5.473	ng		98
80)	Butylbenzylphthalate	20.700	149	93119	2.773	ng		89
81)	Benzo(a)anthracene	21.547	228	309795	4.898	ng		99
82)	3,3'-Dichlorobenzidine	21.477	252	96141	5.660	ng		99
83)	Chrysene	21.600	228	298792	4.345	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.489	149	140569	5.221	ng	#	99
85)	Di-n-octyl phthalate	22.436	149	233439	3.142	ng	#	93
87)	Indeno(1,2,3-cd)pyrene	26.594	276	347034	5.038	ng		98
88)	Benzo(b)fluoranthene	23.271	252	297101	4.609	ng		99
89)	Benzo(k)fluoranthene	23.324	252	285741	5.351	ng		99
90)	Benzo(a)pyrene	23.912	252	238794	4.840	ng		98
91)	Dibenzo(a,h)anthracene	26.618	278	289523	5.116	ng		98
92)	Benzo(g,h,i)perylene	27.382	276	286267	5.056	ng		100

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

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