Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052422\
Data File : BM035217.D
Acq On : 24 May 2022 13:54
Operator : CG/JU
Sample : N2894-18MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 25 05:42:36 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 20 04:53:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
P008-SS002-2430-01MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/25/2022
Supervised By :Jagrut Upadhyay 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	131505	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	480660	20.000	ng	#	0.00
39) Acenaphthene-d10	14.539	164	285955	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	561832	20.000	ng	#	0.00
76) Chrysene-d12	21.468	240	510765	20.000	ng	#	0.00
86) Perylene-d12	23.850	264	548013	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	706337	94.759	ng		0.00
7) Phenol-d6	7.075	99	860257	89.399	ng		0.00
23) Nitrobenzene-d5	9.063	82	562846	63.235	ng		0.00
42) 2,4,6-Tribromophenol	16.027	330	349625	112.397	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1323221	67.174	ng		0.00
79) Terphenyl-d14	19.909	244	1764832	66.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	127879	42.400	ng		95
3) Pyridine	3.787	79	322177	38.340	ng		92
4) n-Nitrosodimethylamine	3.693	42	189023	45.622	ng	#	88
6) Aniline	7.228	93	317758	28.748	ng		99
8) 2-Chlorophenol	7.469	128	409362	49.344	ng		94
9) Benzaldehyde	7.040	77	240552	38.409	ng		94
10) Phenol	7.104	94	458689	46.610	ng		99
11) bis(2-Chloroethyl)ether	7.322	93	347788	46.944	ng		94
12) 1,3-Dichlorobenzene	7.793	146	466915	49.685	ng		97
13) 1,4-Dichlorobenzene	7.934	146	478837	49.787	ng		99
14) 1,2-Dichlorobenzene	8.251	146	455287	49.723	ng		99
15) Benzyl Alcohol	8.145	79	346395m	48.169	ng		
16) 2,2'-oxybis(1-Chloropr...	8.440	45	435832	36.299	ng		96
17) 2-Methylphenol	8.351	107	317505	47.513	ng		100
18) Hexachloroethane	8.981	117	169454	48.003	ng		89
19) n-Nitroso-di-n-propyla...	8.716	70	273329	43.388	ng		93
20) 3+4-Methylphenols	8.681	107	420145	45.951	ng		96
22) Acetophenone	8.728	105	564331	48.478	ng	#	95
24) Nitrobenzene	9.104	77	415023	46.353	ng		98
25) Isophorone	9.634	82	723181	48.596	ng		97
26) 2-Nitrophenol	9.816	139	222198	56.872	ng		96
27) 2,4-Dimethylphenol	9.886	122	344064	57.109	ng		96
28) bis(2-Chloroethoxy)met...	10.116	93	434714	50.758	ng		99
29) 2,4-Dichlorophenol	10.357	162	380818	53.612	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	437600	54.427	ng		99
31) Naphthalene	10.751	128	1169847	47.180	ng		99
32) Benzoic acid	10.045	122	251463	52.025	ng		99
33) 4-Chloroaniline	10.869	127	104916	10.519	ng		96
34) Hexachlorobutadiene	11.045	225	288009	58.017	ng		99
35) Caprolactam	11.675	113	104035	50.710	ng		90
36) 4-Chloro-3-methylphenol	11.998	107	362325	49.294	ng		98
37) 2-Methylnaphthalene	12.363	142	813566	47.353	ng		99
38) 1-Methylnaphthalene	12.586	142	779983	46.489	ng		100
40) 1,2,4,5-Tetrachloroben...	12.739	216	490675	60.262	ng		98
41) Hexachlorocyclopentadiene	12.716	237	660336	135.453	ng		100
43) 2,4,6-Trichlorophenol	12.975	196	317036	57.517	ng		99

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44) 2,4,5-Trichlorophenol	13.051	196	334686	54.680	ng		94
46) 1,1'-Biphenyl	13.374	154	1079265	50.098	ng		98
47) 2-Chloronaphthalene	13.416	162	838323	49.933	ng		100
48) 2-Nitroaniline	13.616	65	225311	46.652	ng		96
49) Acenaphthylene	14.263	152	1313502	50.816	ng		100
50) Dimethylphthalate	13.998	163	995623	46.701	ng		100
51) 2,6-Dinitrotoluene	14.116	165	221246	50.972	ng		89
52) Acenaphthene	14.604	154	911700m	52.060	ng		
53) 3-Nitroaniline	14.445	138	114931	24.679	ng		97
54) 2,4-Dinitrophenol	14.657	184	254919	99.846	ng	#	85
55) Dibenzofuran	14.939	168	1209549	48.380	ng		97
56) 4-Nitrophenol	14.763	139	355242	93.390	ng		95
57) 2,4-Dinitrotoluene	14.904	165	300851	51.709	ng		93
58) Fluorene	15.586	166	973388	46.871	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.168	232	281158	54.031	ng	#	88
60) Diethylphthalate	15.363	149	990814	45.630	ng		98
61) 4-Chlorophenyl-phenyle...	15.580	204	520151	52.336	ng		93
62) 4-Nitroaniline	15.604	138	204178	42.340	ng		99
63) Azobenzene	15.874	77	814490	41.126	ng		95
65) 4,6-Dinitro-2-methylph...	15.674	198	166866	49.684	ng		87
66) n-Nitrosodiphenylamine	15.798	169	831277	48.821	ng		100
67) 4-Bromophenyl-phenylether	16.474	248	322717	56.508	ng		92
68) Hexachlorobenzene	16.598	284	355480	55.132	ng	#	88
69) Atrazine	16.751	200	309856	54.204	ng		97
70) Pentachlorophenol	16.939	266	459216	113.670	ng		98
71) Phenanthrene	17.327	178	1451557	46.357	ng		100
72) Anthracene	17.415	178	1478638	48.905	ng		100
73) Carbazole	17.686	167	1291287	46.763	ng		99
74) Di-n-butylphthalate	18.257	149	1608047	45.769	ng		100
75) Fluoranthene	19.345	202	1635058	47.554	ng		97
77) Benzidine	19.527	184	480336	30.784	ng		99
78) Pyrene	19.703	202	1664975	49.293	ng		100
80) Butylbenzylphthalate	20.603	149	678203	45.744	ng		94
81) Benzo(a)anthracene	21.456	228	1618071	47.476	ng		99
82) 3,3'-Dichlorobenzidine	21.386	252	390816	39.343	ng	#	98
83) Chrysene	21.503	228	1502183	46.145	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	990514	43.447	ng	#	97
85) Di-n-octyl phthalate	22.309	149	1669472	44.420	ng		96
87) Indeno(1,2,3-cd)pyrene	26.332	276	2163229	51.920	ng		96
88) Benzo(b)fluoranthene	23.133	252	1726942	50.103	ng		99
89) Benzo(k)fluoranthene	23.180	252	1582341	45.351	ng		98
90) Benzo(a)pyrene	23.750	252	1656507	57.848	ng		98
91) Dibenzo(a,h)anthracene	26.344	278	1881910	53.846	ng		96
92) Benzo(g,h,i)perylene	27.091	276	1888723	56.243	ng	#	94

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

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