Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080222\
Data File : BM036048.D
Acq On : 02 Aug 2022 12:42
Operator : CG/JU
Sample : N3935-07MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 03 00:52:01 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:50:14 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
RVE-138MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/04/2022

08/03/2022
Supervised By :Jagrut Upadhyay

08/04/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	265886	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1044189	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	554166	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1018813	20.000	ng		0.00
76) Chrysene-d12	21.427	240	902100	20.000	ng		0.00
86) Perylene-d12	23.792	264	1025116	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1835083	111.896	ng		0.00
7) Phenol-d6	7.040	99	2253451	107.987	ng		0.00
23) Nitrobenzene-d5	9.040	82	1336831	71.665	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	689012	105.984	ng		0.00
45) 2-Fluorobiphenyl	13.134	172	2611924	69.590	ng		0.00
79) Terphenyl-d14	19.869	244	3126300	68.357	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	283628	42.919	ng		93
3) Pyridine	3.711	79	764426	43.137	ng		88
4) n-Nitrosodimethylamine	3.623	42	343904	47.226	ng	#	64
6) Aniline	7.199	93	1025453	44.375	ng		95
8) 2-Chlorophenol	7.434	128	836853	47.859	ng		95
9) Benzaldehyde	7.011	77	376340	34.066	ng		92
10) Phenol	7.069	94	1014334	48.275	ng		90
11) bis(2-Chloroethyl)ether	7.299	93	800933	46.273	ng		95
12) 1,3-Dichlorobenzene	7.758	146	920737	47.518	ng		98
13) 1,4-Dichlorobenzene	7.905	146	942319	47.688	ng		99
14) 1,2-Dichlorobenzene	8.222	146	891563	46.761	ng		99
15) Benzyl Alcohol	8.116	79	650270m	46.436	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	1064528	46.252	ng		96
17) 2-Methylphenol	8.316	107	654292	47.041	ng		96
18) Hexachloroethane	8.952	117	351014	49.346	ng		97
19) n-Nitroso-di-n-propyla...	8.687	70	570533	45.011	ng	#	88
20) 3+4-Methylphenols	8.652	107	854997	45.246	ng		96
22) Acetophenone	8.699	105	1184315	47.913	ng	#	92
24) Nitrobenzene	9.081	77	854411	48.722	ng		97
25) Isophorone	9.610	82	1529606	50.405	ng		97
26) 2-Nitrophenol	9.793	139	418295	50.572	ng		91
27) 2,4-Dimethylphenol	9.852	122	697288	54.421	ng		99
28) bis(2-Chloroethoxy)met...	10.093	93	981447	45.395	ng		99
29) 2,4-Dichlorophenol	10.322	162	692850	48.084	ng		100
30) 1,2,4-Trichlorobenzene	10.534	180	751158	46.002	ng		97
31) Naphthalene	10.728	128	2441511	47.030	ng		99
32) Benzoic acid	9.993	122	497103	48.943	ng		91
33) 4-Chloroaniline	10.840	127	624477	29.848	ng		96
34) Hexachlorobutadiene	11.004	225	453250	47.238	ng		98
35) Caprolactam	11.634	113	196567	44.289	ng		95
36) 4-Chloro-3-methylphenol	11.963	107	678954	44.830	ng		99
37) 2-Methylnaphthalene	12.334	142	1603488	46.415	ng		98
38) 1-Methylnaphthalene	12.557	142	1518569	44.887	ng		98
40) 1,2,4,5-Tetrachloroben...	12.698	216	762707	50.766	ng		98
41) Hexachlorocyclopentadiene	12.681	237	1046487	131.515	ng		98
43) 2,4,6-Trichlorophenol	12.945	196	503936	49.293	ng		99

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44) 2,4,5-Trichlorophenol	13.016	196	535042	49.579	ng		96
46) 1,1'-Biphenyl	13.345	154	1985628	49.166	ng		98
47) 2-Chloronaphthalene	13.387	162	1526797	49.395	ng		98
48) 2-Nitroaniline	13.592	65	418991	49.740	ng		93
49) Acenaphthylene	14.228	152	2370021	49.603	ng		100
50) Dimethylphthalate	13.975	163	1721715	45.686	ng		99
51) 2,6-Dinitrotoluene	14.092	165	374457	49.523	ng		90
52) Acenaphthene	14.569	154	1659506m	53.095	ng		
53) 3-Nitroaniline	14.422	138	314187	35.615	ng		93
54) 2,4-Dinitrophenol	14.628	184	414768	103.660	ng		87
55) Dibenzofuran	14.904	168	2174739	46.464	ng		98
56) 4-Nitrophenol	14.728	139	725627	102.786	ng		87
57) 2,4-Dinitrotoluene	14.875	165	499685	50.419	ng		97
58) Fluorene	15.551	166	1724492	46.708	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.128	232	422234	46.188	ng		97
60) Diethylphthalate	15.334	149	1731659	44.714	ng		99
61) 4-Chlorophenyl-phenyle...	15.551	204	833784	45.290	ng		96
62) 4-Nitroaniline	15.581	138	412992	45.507	ng		91
63) Azobenzene	15.839	77	1665377	45.234	ng		94
65) 4,6-Dinitro-2-methylph...	15.634	198	239285	45.934	ng		94
66) n-Nitrosodiphenylamine	15.763	169	1416482	49.250	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	495850	48.657	ng		96
68) Hexachlorobenzene	16.551	284	573090	49.012	ng	#	90
69) Atrazine	16.716	200	468007	58.155	ng		97
70) Pentachlorophenol	16.892	266	727002	106.162	ng		99
71) Phenanthrene	17.286	178	2501441	48.193	ng		99
72) Anthracene	17.380	178	2514277	50.034	ng		99
73) Carbazole	17.651	167	2329535	45.753	ng		99
74) Di-n-butylphthalate	18.222	149	2885733	47.478	ng		99
75) Fluoranthene	19.304	202	2709830	46.640	ng		99
77) Benzidine	19.492	184	1456031	107.624	ng		99
78) Pyrene	19.663	202	2773378	49.579	ng		99
80) Butylbenzylphthalate	20.568	149	1187835	49.199	ng		98
81) Benzo(a)anthracene	21.410	228	2690781	48.427	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	920650	68.237	ng		99
83) Chrysene	21.463	228	2510334	47.528	ng		99
84) Bis(2-ethylhexyl)phtha...	21.345	149	1761803	48.369	ng		99
85) Di-n-octyl phthalate	22.257	149	2858365	48.084	ng		95
87) Indeno(1,2,3-cd)pyrene	26.256	276	3753295	52.100	ng		99
88) Benzo(b)fluoranthene	23.068	252	2908835	48.432	ng		98
89) Benzo(k)fluoranthene	23.121	252	2937260	48.420	ng		99
90) Benzo(a)pyrene	23.686	252	2679099	53.165	ng		98
91) Dibenzo(a,h)anthracene	26.274	278	3292033	54.593	ng		99
92) Benzo(g,h,i)perylene	27.009	276	3273787	56.080	ng		99

08/03/2022 Supervised By :Jagrut Upadhyay

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

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