Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100522\
Data File : BM036837.D
Acq On : 05 Oct 2022 16:09
Operator : CG/JU
Sample : N4860-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MW-05MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/06/2022
Supervised By :mohammad ahmed 10/10/2022

Quant Time: Oct 06 02:34:31 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 03:17:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	372108	20.000	ng		0.00
21) Naphthalene-d8	10.780	136	1570401	20.000	ng		0.00
39) Acenaphthene-d10	14.604	164	875659	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	1526892	20.000	ng		0.00
76) Chrysene-d12	21.509	240	1028487	20.000	ng		0.00
86) Perylene-d12	23.921	264	988573	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	1641232	78.276	ng		0.00
7) Phenol-d6	7.134	99	1322660	44.909	ng		0.00
23) Nitrobenzene-d5	9.145	82	3107253	105.832	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	1229539	179.031	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	6230873	109.718	ng		0.00
79) Terphenyl-d14	19.950	244	5969108	115.635	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	185448	20.527	ng		97
3) Pyridine	3.810	79	468189	16.789	ng		97
4) n-Nitrosodimethylamine	3.716	42	252026	20.822	ng		97
6) Aniline	7.298	93	1245193	33.298	ng		99
8) 2-Chlorophenol	7.533	128	1126875	45.042	ng		97
9) Benzaldehyde	7.110	77	516528m	27.382	ng		
10) Phenol	7.157	94	529032	15.683	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	1463317	53.107	ng		96
12) 1,3-Dichlorobenzene	7.857	146	1378011	50.273	ng		97
13) 1,4-Dichlorobenzene	8.010	146	1408618	50.145	ng		98
14) 1,2-Dichlorobenzene	8.328	146	1386710	51.535	ng		98
15) Benzyl Alcohol	8.216	79	730933m	31.853	ng		
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1944781	48.324	ng		97
17) 2-Methylphenol	8.416	107	783015	35.551	ng		99
18) Hexachloroethane	9.057	117	607324	58.605	ng		97
19) n-Nitroso-di-n-propyla...	8.792	70	1143104	51.097	ng		96
20) 3+4-Methylphenols	8.751	107	899334	29.703	ng		99
22) Acetophenone	8.804	105	2191384	55.595	ng	#	97
24) Nitrobenzene	9.186	77	1603014	51.627	ng		97
25) Isophorone	9.716	82	3043362	56.069	ng		97
26) 2-Nitrophenol	9.892	139	674134	54.055	ng		99
27) 2,4-Dimethylphenol	9.957	122	1195913	59.544	ng		98
28) bis(2-Chloroethoxy)met...	10.192	93	1893955	57.684	ng		100
29) 2,4-Dichlorophenol	10.427	162	1117849	52.712	ng		99
30) 1,2,4-Trichlorobenzene	10.645	180	1175336	51.472	ng		98
31) Naphthalene	10.833	128	4290092	50.567	ng		99
32) Benzoic acid	10.051	122	224073m	17.911	ng		
33) 4-Chloroaniline	10.945	127	876866	25.712	ng		98
34) Hexachlorobutadiene	11.116	225	643266	51.510	ng		99
35) Caprolactam	11.763	113	50685	6.926	ng		92
36) 4-Chloro-3-methylphenol	12.063	107	1133705	45.473	ng		97
37) 2-Methylnaphthalene	12.439	142	2945521	51.685	ng		99
38) 1-Methylnaphthalene	12.657	142	2805824	50.305	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	1250308	58.164	ng		99
41) Hexachlorocyclopentadiene	12.780	237	1411025	134.005	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	841593	57.105	ng		98

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44) 2,4,5-Trichlorophenol	13.110	196	892109	54.383	ng		98
46) 1,1'-Biphenyl	13.445	154	3681951	57.034	ng		99
47) 2-Chloronaphthalene	13.486	162	2708846	54.641	ng		99
48) 2-Nitroaniline	13.686	65	827845	47.803	ng		99
49) Acenaphthylene	14.327	152	4359740	54.304	ng		100
50) Dimethylphthalate	14.068	163	3245830	52.563	ng		100
51) 2,6-Dinitrotoluene	14.186	165	691068	56.010	ng		91
52) Acenaphthene	14.668	154	2702662	54.171	ng		99
53) 3-Nitroaniline	14.509	138	221043	14.922	ng		97
54) 2,4-Dinitrophenol	14.715	184	745020	99.251	ng		95
55) Dibenzofuran	14.998	168	4040485	53.490	ng		98
56) 4-Nitrophenol	14.815	139	388305	32.791	ng		98
57) 2,4-Dinitrotoluene	14.962	165	900620	50.226	ng		96
58) Fluorene	15.645	166	3349534	54.124	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	697558	51.415	ng	#	96
60) Diethylphthalate	15.421	149	3307176	51.638	ng		99
61) 4-Chlorophenyl-phenyle...	15.639	204	1502471	55.554	ng		95
62) 4-Nitroaniline	15.668	138	647133	39.352	ng		97
63) Azobenzene	15.933	77	3499891	49.136	ng		95
65) 4,6-Dinitro-2-methylph...	15.721	198	424408	50.217	ng		98
66) n-Nitrosodiphenylamine	15.856	169	2730695	57.885	ng		100
67) 4-Bromophenyl-phenylether	16.533	248	824414	58.551	ng		94
68) Hexachlorobenzene	16.645	284	901813	57.838	ng		92
69) Atrazine	16.809	200	741233	57.036	ng		99
70) Pentachlorophenol	16.992	266	1097067	114.645	ng		98
71) Phenanthrene	17.380	178	4486790	52.487	ng		99
72) Anthracene	17.474	178	4514002	55.378	ng		100
73) Carbazole	17.745	167	4188753	55.056	ng		99
74) Di-n-butylphthalate	18.303	149	5089937	53.424	ng		99
75) Fluoranthene	19.392	202	4366296	49.643	ng		98
77) Benzidine	19.580	184	100211	4.644	ng		94
78) Pyrene	19.750	202	4428541	57.178	ng		100
80) Butylbenzylphthalate	20.644	149	1795644	49.437	ng		99
81) Benzo(a)anthracene	21.491	228	3566341	53.387	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	875893	48.302	ng		100
83) Chrysene	21.544	228	3380917	52.546	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	2562266	48.871	ng		99
85) Di-n-octyl phthalate	22.350	149	3814088	46.801	ng		96
87) Indeno(1,2,3-cd)pyrene	26.444	276	3858969	59.110	ng		98
88) Benzo(b)fluoranthene	23.185	252	3403278	54.325	ng		100
89) Benzo(k)fluoranthene	23.238	252	3437363	53.328	ng		98
90) Benzo(a)pyrene	23.815	252	2965399	58.858	ng		99
91) Dibenzo(a,h)anthracene	26.456	278	3457588	63.575	ng		98
92) Benzo(g,h,i)perylene	27.209	276	3409338	64.568	ng		98

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

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