Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030335.D
Acq On : 09 Jun 2021 10:30
Operator : CG/JU
Sample : PB136924BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB136924BS

Manual Integrations APPROVED
mohammad
6/9/2021 3:54:13 PM

Quant Time: Jun 09 12:44:19 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	271992	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1120118	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	692903	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1387338	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1155046	20.000	ng		0.00
86) Perylene-d12	23.650	264	934949	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	2390697	142.889	ng		0.00
7) Phenol-d6	7.016	99	3057459	126.234	ng		0.00
23) Nitrobenzene-d5	9.010	82	1890180	82.210	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1180725	135.533	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	4532977	86.031	ng		0.00
79) Terphenyl-d14	19.821	244	5924903	90.098	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.352	88	233994	32.351	ng		90
3) Pyridine	3.746	79	592079	32.068	ng	#	84
4) n-Nitrosodimethylamine	3.657	42	374272	39.931	ng	#	82
6) Aniline	7.181	93	1105157	39.984	ng		96
8) 2-Chlorophenol	7.416	128	866748	44.138	ng		98
9) Benzaldehyde	6.992	77	484117	47.854	ng		95
10) Phenol	7.040	94	1096559	44.816	ng		95
11) bis(2-Chloroethyl)ether	7.275	93	801253	41.562	ng		95
12) 1,3-Dichlorobenzene	7.739	146	889832	41.129	ng		98
13) 1,4-Dichlorobenzene	7.887	146	918403	41.655	ng		99
14) 1,2-Dichlorobenzene	8.204	146	886348	41.326	ng		99
15) Benzyl Alcohol	8.087	79	732152	43.074	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1242848	40.064	ng		90
17) 2-Methylphenol	8.287	107	713409	44.993	ng		93
18) Hexachloroethane	8.928	117	338122	42.669	ng		95
19) n-Nitroso-di-n-propyla...	8.657	70	634343	39.446	ng		99
20) 3+4-Methylphenols	8.616	107	945833	43.843	ng		97
22) Acetophenone	8.669	105	1251326	41.812	ng	#	98
24) Nitrobenzene	9.051	77	925669	38.595	ng		97
25) Isophorone	9.575	82	1610002	36.536	ng		98
26) 2-Nitrophenol	9.757	139	416992	40.266	ng		97
27) 2,4-Dimethylphenol	9.816	122	810305	47.505	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	1082980	43.224	ng		99
29) 2,4-Dichlorophenol	10.286	162	830688	43.442	ng		97
30) 1,2,4-Trichlorobenzene	10.504	180	895192	41.014	ng		99
31) Naphthalene	10.692	128	2565400	39.317	ng		99
32) Benzoic acid	9.963	122	495996	38.547	ng		93
33) 4-Chloroaniline	10.798	127	542781	20.440	ng		98
34) Hexachlorobutadiene	10.975	225	530552	40.721	ng		96
35) Caprolactam	11.586	113	231340m	36.723	ng		
36) 4-Chloro-3-methylphenol	11.916	107	823356	41.107	ng		99
37) 2-Methylnaphthalene	12.298	142	1907848	39.851	ng		99
38) 1-Methylnaphthalene	12.516	142	1762439	38.651	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	1031081	46.166	ng		98
41) Hexachlorocyclopentadiene	12.651	237	1437983	117.426	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	679280	44.988	ng		99

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44) 2,4,5-Trichlorophenol	12.974	196	739938	44.677	ng		99
46) 1,1'-Biphenyl	13.310	154	2452224	43.702	ng		99
47) 2-Chloronaphthalene	13.351	162	1877674	41.399	ng		98
48) 2-Nitroaniline	13.551	65	525468	38.857	ng		99
49) Acenaphthylene	14.198	152	2962209	42.633	ng		99
50) Dimethylphthalate	13.933	163	2287686	41.486	ng		99
51) 2,6-Dinitrotoluene	14.051	165	501775	41.278	ng		96
52) Acenaphthene	14.539	154	1788039	40.288	ng		98
53) 3-Nitroaniline	14.374	138	307411	24.752	ng		99
54) 2,4-Dinitrophenol	14.580	184	557544	68.549	ng		90
55) Dibenzofuran	14.874	168	2811035	39.806	ng		99
56) 4-Nitrophenol	14.680	139	873059	84.582	ng		95
57) 2,4-Dinitrotoluene	14.833	165	675871	39.874	ng		98
58) Fluorene	15.521	166	2377842	40.815	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	621357	43.348	ng		97
60) Diethylphthalate	15.292	149	2270966	41.197	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	1205434	41.982	ng		96
62) 4-Nitroaniline	15.539	138	496194	35.866	ng		88
63) Azobenzene	15.804	77	2208506	39.665	ng		98
65) 4,6-Dinitro-2-methylph...	15.592	198	344881	38.337	ng		92
66) n-Nitrosodiphenylamine	15.727	169	2024559	41.963	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	688532	42.588	ng		99
68) Hexachlorobenzene	16.521	284	781537	42.632	ng		97
69) Atrazine	16.674	200	693755	53.691	ng		96
70) Pentachlorophenol	16.862	266	976747	91.033	ng		97
71) Phenanthrene	17.251	178	3502917	40.126	ng		100
72) Anthracene	17.339	178	3580661	42.244	ng		100
73) Carbazole	17.609	167	3114194	38.527	ng		100
74) Di-n-butylphthalate	18.168	149	3661676	43.450	ng		99
75) Fluoranthene	19.256	202	3777780	38.125	ng		97
77) Benzidine	19.439	184	1679227	82.167	ng		99
78) Pyrene	19.621	202	3877656	44.304	ng		99
80) Butylbenzylphthalate	20.509	149	1376799	38.872	ng		98
81) Benzo(a)anthracene	21.350	228	3320936	39.504	ng		99
82) 3,3'-Dichlorobenzidine	21.286	252	840261	33.018	ng		100
83) Chrysene	21.403	228	3222033	39.439	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2050093	38.515	ng		98
85) Di-n-octyl phthalate	22.168	149	3130697	38.187	ng		99
87) Indeno(1,2,3-cd)pyrene	25.974	276	3192925	44.899	ng		97
88) Benzo(b)fluoranthene	22.962	252	3047068	43.060	ng		98
89) Benzo(k)fluoranthene	23.003	252	2809159	40.646	ng	#	98
90) Benzo(a)pyrene	23.550	252	2755232	44.031	ng		99
91) Dibenzo(a,h)anthracene	25.985	278	2725049	44.445	ng		98
92) Benzo(g,h,i)perylene	26.679	276	2655133	45.528	ng		97

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

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