Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060921\
Data File : BM030350.D
Acq On : 09 Jun 2021 19:59
Operator : CG/JU
Sample : M2612-19MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18-B12(78-82)MSD

Manual Integrations APPROVED
mohammad
6/11/2021 1:28:04 PM

Quant Time: Jun 10 02:27:47 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	244107	20.000	ng	0.00
21) Naphthalene-d8	10.639	136	1036027	20.000	ng	# 0.00
39) Acenaphthene-d10	14.474	164	704168	20.000	ng	0.00
64) Phenanthrene-d10	17.209	188	1482591	20.000	ng	0.00
76) Chrysene-d12	21.368	240	1336658	20.000	ng	0.00
86) Perylene-d12	23.650	264	1164484	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	889067	59.208	ng	0.00
7) Phenol-d6	7.010	99	1258641	57.902	ng	0.00
23) Nitrobenzene-d5	9.004	82	739268	34.763	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	556836	62.896	ng	0.00
45) 2-Fluorobiphenyl	13.098	172	1983141	37.036	ng	0.00
79) Terphenyl-d14	19.821	244	3502470	46.024	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	218926	33.726	ng	88
3) Pyridine	3.752	79	514274	31.035	ng	# 86
4) n-Nitrosodimethylamine	3.657	42	329388	39.157	ng	# 83
6) Aniline	7.181	93	1103005	44.465	ng	96
8) 2-Chlorophenol	7.416	128	797519	45.252	ng	98
9) Benzaldehyde	6.992	77	525328	57.860	ng	91
10) Phenol	7.040	94	1023836	46.623	ng	92
11) bis(2-Chloroethyl)ether	7.275	93	761817	44.030	ng	95
12) 1,3-Dichlorobenzene	7.740	146	803748	41.394	ng	98
13) 1,4-Dichlorobenzene	7.887	146	829490	41.920	ng	99
14) 1,2-Dichlorobenzene	8.204	146	799364	41.528	ng	99
15) Benzyl Alcohol	8.087	79	630316	41.318	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1137918	40.871	ng	90
17) 2-Methylphenol	8.287	107	677141	47.584	ng	94
18) Hexachloroethane	8.928	117	305009	42.887	ng	96
19) n-Nitroso-di-n-propyla...	8.657	70	608613	42.169	ng	99
20) 3+4-Methylphenols	8.616	107	918902	47.460	ng	97
22) Acetophenone	8.669	105	1172235	42.349	ng	98
24) Nitrobenzene	9.045	77	864284	38.961	ng	97
25) Isophorone	9.575	82	1589829	39.006	ng	99
26) 2-Nitrophenol	9.757	139	411366	42.731	ng	95
27) 2,4-Dimethylphenol	9.816	122	774417	49.086	ng	96
28) bis(2-Chloroethoxy)met...	10.051	93	1041149	44.927	ng	99
29) 2,4-Dichlorophenol	10.286	162	804380	45.481	ng	96
30) 1,2,4-Trichlorobenzene	10.504	180	840684	41.643	ng	100
31) Naphthalene	10.692	128	2411932	39.965	ng	99
32) Benzoic acid	9.957	122	499880	41.555	ng	93
33) 4-Chloroaniline	10.804	127	826297	33.643	ng	97
34) Hexachlorobutadiene	10.975	225	503427	41.775	ng	95
35) Caprolactam	11.598	113	251374m	42.098	ng	
36) 4-Chloro-3-methylphenol	11.916	107	823521	44.452	ng	98
37) 2-Methylnaphthalene	12.298	142	1851811	41.820	ng	97
38) 1-Methylnaphthalene	12.516	142	1708910	40.519	ng	99
40) 1,2,4,5-Tetrachloroben...	12.669	216	982110	43.270	ng	98
41) Hexachlorocyclopentadiene	12.651	237	1356680	109.014	ng	99
43) 2,4,6-Trichlorophenol	12.904	196	691260	45.049	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	756155	44.926	ng		99
46) 1,1'-Biphenyl	13.310	154	2341953	41.069	ng		98
47) 2-Chloronaphthalene	13.351	162	1866994	40.505	ng		98
48) 2-Nitroaniline	13.551	65	545910	39.633	ng		99
49) Acenaphthylene	14.198	152	2947454	41.742	ng		99
50) Dimethylphthalate	13.933	163	3105918	55.423	ng		99
51) 2,6-Dinitrotoluene	14.051	165	522046	42.259	ng		96
52) Acenaphthene	14.539	154	1791033	39.710	ng		98
53) 3-Nitroaniline	14.380	138	528018	39.100	ng		98
54) 2,4-Dinitrophenol	14.586	184	644344	74.692	ng		87
55) Dibenzofuran	14.874	168	2840887	39.585	ng		99
56) 4-Nitrophenol	14.686	139	907169	86.481	ng		93
57) 2,4-Dinitrotoluene	14.833	165	716265	41.453	ng		99
58) Fluorene	15.521	166	2448391	41.353	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.098	232	654087	44.901	ng		98
60) Diethylphthalate	15.292	149	2471111	44.110	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	1246671	42.724	ng		95
62) 4-Nitroaniline	15.539	138	560342	39.342	ng		88
63) Azobenzene	15.804	77	2291014	40.489	ng		98
65) 4,6-Dinitro-2-methylph...	15.598	198	400232	40.884	ng		96
66) n-Nitrosodiphenylamine	15.727	169	2104008	40.808	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	646157	37.399	ng		98
68) Hexachlorobenzene	16.521	284	831122	42.424	ng		97
69) Atrazine	16.674	200	718270	52.017	ng		95
70) Pentachlorophenol	16.862	266	1125290	98.139	ng		98
71) Phenanthrene	17.251	178	3786131	40.584	ng		99
72) Anthracene	17.345	178	3891732	42.964	ng		100
73) Carbazole	17.609	167	3446548	39.899	ng		100
74) Di-n-butylphthalate	18.168	149	4484264	49.793	ng		99
75) Fluoranthene	19.256	202	4393945	41.494	ng		97
77) Benzidine	19.445	184	3650634	154.360	ng		99
78) Pyrene	19.621	202	4502335	44.452	ng		100
80) Butylbenzylphthalate	20.509	149	1841024	44.247	ng		98
81) Benzo(a)anthracene	21.350	228	3991228	41.027	ng		99
82) 3,3'-Dichlorobenzidine	21.286	252	1386205	47.069	ng		99
83) Chrysene	21.403	228	3862153	40.851	ng		99
84) Bis(2-ethylhexyl)phtha...	21.280	149	2799772	44.683	ng		99
85) Di-n-octyl phthalate	22.168	149	4266025	44.226	ng		100
87) Indeno(1,2,3-cd)pyrene	25.980	276	3899756	44.029	ng		97
88) Benzo(b)fluoranthene	22.962	252	3719752	42.205	ng		98
89) Benzo(k)fluoranthene	23.009	252	3531492	41.026	ng	#	98
90) Benzo(a)pyrene	23.550	252	3463084	44.435	ng		99
91) Dibenzo(a,h)anthracene	25.985	278	3322615	43.509	ng		98
92) Benzo(g,h,i)perylene	26.685	276	3204986	44.124	ng		97

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

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