Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110821\
Data File : BM032895.D
Acq On : 08 Nov 2021 15:16
Operator : CG/JU
Sample : M4470-08MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Nov 08 15:56:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
11/08/2021
Supervised By :mohammad ahmed
11/09/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.484	152	95232	20.000	ng	0.00
21) Naphthalene-d8	10.266	136	433638	20.000	ng	# 0.00
39) Acenaphthene-d10	14.148	164	308144	20.000	ng	0.00
64) Phenanthrene-d10	16.883	188	670466	20.000	ng	#-0.01
76) Chrysene-d12	21.071	240	657917	20.000	ng	0.00
86) Perylene-d12	23.177	264	686642	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.084	112	821231	150.341	ng	0.00
7) Phenol-d6	6.695	99	1053671	129.529	ng	0.00
23) Nitrobenzene-d5	8.642	82	749760	94.633	ng	0.00
42) 2,4,6-Tribromophenol	15.648	330	492622	142.747	ng	0.00
45) 2-Fluorobiphenyl	12.760	172	1808924	91.049	ng	0.00
79) Terphenyl-d14	19.518	244	2613937	86.742	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.925	88	91079	43.679	ng	# 23
3) Pyridine	3.337	79	190019	29.692	ng	91
4) n-Nitrosodimethylamine	3.237	42	132583	48.818	ng	# 69
6) Aniline	6.819	93	251988	27.744	ng	93
8) 2-Chlorophenol	7.060	128	346286	54.408	ng	93
9) Benzaldehyde	6.625	77	136756	29.787	ng	87
10) Phenol	6.719	94	405514	51.938	ng	86
11) bis(2-Chloroethyl)ether	6.913	93	312788	50.740	ng	96
12) 1,3-Dichlorobenzene	7.378	146	332557	47.290	ng	# 93
13) 1,4-Dichlorobenzene	7.519	146	343764	47.716	ng	98
14) 1,2-Dichlorobenzene	7.842	146	340022	47.961	ng	97
15) Benzyl Alcohol	7.742	79	340217	58.756	ng	89
16) 2,2'-oxybis(1-Chloropr...	8.025	45	442004	49.882	ng	98
17) 2-Methylphenol	7.960	107	302876	55.223	ng	# 91
18) Hexachloroethane	8.566	117	125352	49.207	ng	90
19) n-Nitroso-di-n-propyla...	8.301	70	265682	53.343	ng	# 87
20) 3+4-Methylphenols	8.289	107	408234	54.382	ng	94
22) Acetophenone	8.307	105	517494	48.855	ng	# 92
24) Nitrobenzene	8.684	77	393607	51.851	ng	90
25) Isophorone	9.207	82	744923	53.208	ng	96
26) 2-Nitrophenol	9.395	139	196367	55.411	ng	# 77
27) 2,4-Dimethylphenol	9.478	122	355523	60.970	ng	96
28) bis(2-Chloroethoxy)met...	9.689	93	460074	49.184	ng	100
29) 2,4-Dichlorophenol	9.936	162	366521	54.808	ng	97
30) 1,2,4-Trichlorobenzene	10.142	180	346430	46.611	ng	97
31) Naphthalene	10.319	128	1094733	48.636	ng	100
32) Benzoic acid	9.648	122	130769	27.732	ng	# 84
33) 4-Chloroaniline	10.436	127	112858	12.007	ng	95
34) Hexachlorobutadiene	10.619	225	204970	45.366	ng	97
35) Caprolactam	11.213	113	107623	47.994	ng	# 85
36) 4-Chloro-3-methylphenol	11.589	107	425517	55.623	ng	98
37) 2-Methylnaphthalene	11.936	142	835315	52.803	ng	95
38) 1-Methylnaphthalene	12.166	142	778560m	49.760	ng	
40) 1,2,4,5-Tetrachloroben...	12.330	216	394708	46.334	ng	97
41) Hexachlorocyclopentadiene	12.313	237	417076	93.227	ng	99
43) 2,4,6-Trichlorophenol	12.577	196	308067	51.678	ng	95

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44) 2,4,5-Trichlorophenol	12.648	196	337113	51.170	ng	#	92
46) 1,1'-Biphenyl	12.971	154	1076959	48.364	ng		99
47) 2-Chloronaphthalene	13.013	162	847358	49.565	ng		99
48) 2-Nitroaniline	13.224	65	291296	57.990	ng	#	82
49) Acenaphthylene	13.866	152	1414338	51.563	ng		99
50) Dimethylphthalate	13.613	163	1159690	51.724	ng		100
51) 2,6-Dinitrotoluene	13.724	165	255777	55.814	ng	#	68
52) Acenaphthene	14.213	154	827614	50.653	ng		98
53) 3-Nitroaniline	14.054	138	126762	25.416	ng		88
54) 2,4-Dinitrophenol	14.266	184	193423	62.692	ng	#	69
55) Dibenzofuran	14.548	168	1357904	49.505	ng		94
56) 4-Nitrophenol	14.401	139	426744	105.008	ng	#	71
57) 2,4-Dinitrotoluene	14.518	165	362401	58.378	ng	#	63
58) Fluorene	15.201	166	1050516	51.085	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	301725	51.088	ng	#	85
60) Diethylphthalate	14.983	149	1173498	52.213	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	518303	47.672	ng		94
62) 4-Nitroaniline	15.230	138	267430	51.011	ng	#	74
63) Azobenzene	15.489	77	1125123	52.322	ng		87
65) 4,6-Dinitro-2-methylph...	15.289	198	167425	39.614	ng	#	78
66) n-Nitrosodiphenylamine	15.413	169	973130	49.511	ng		98
67) 4-Bromophenyl-phenylether	16.083	248	335832	48.739	ng		94
68) Hexachlorobenzene	16.212	284	374817	49.631	ng	#	85
69) Atrazine	16.365	200	368415	55.831	ng		96
70) Pentachlorophenol	16.554	266	485166	102.662	ng		98
71) Phenanthrene	16.930	178	1787167	50.271	ng		100
72) Anthracene	17.018	178	1806511	51.484	ng		100
73) Carbazole	17.289	167	1716028	49.076	ng		98
74) Di-n-butylphthalate	17.854	149	2069340	53.965	ng	#	98
75) Fluoranthene	18.948	202	2084258	51.100	ng		98
77) Benzidine	19.130	184	326926	18.132	ng		99
78) Pyrene	19.306	202	2163727	49.089	ng		99
80) Butylbenzylphthalate	20.212	149	971858	54.857	ng		87
81) Benzo(a)anthracene	21.053	228	2054464	48.945	ng		98
82) 3,3'-Dichlorobenzidine	20.994	252	366606	27.820	ng		99
83) Chrysene	21.106	228	2055968	49.857	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	1346028	56.957	ng	#	94
85) Di-n-octyl phthalate	21.824	149	2485370	58.970	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.265	276	2212380	52.132	ng		96
88) Benzo(b)fluoranthene	22.559	252	2174016	52.002	ng		99
89) Benzo(k)fluoranthene	22.600	252	2113821	51.870	ng		99
90) Benzo(a)pyrene	23.088	252	2081729	60.267	ng		98
91) Dibenzo(a,h)anthracene	25.271	278	1885936	53.368	ng		97
92) Benzo(g,h,i)perylene	25.906	276	1917514	54.553	ng		96

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

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