Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032680.D
Acq On : 22 Oct 2021 17:56
Operator : CG/JU
Sample : M4316-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2A-IDMS

Manual Integrations APPROVED
mohammad
10/25/2021 1:48:34 PM

Quant Time: Oct 23 01:30:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 23 01:22:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.542	152	213385	20.000	ng		0.00
21) Naphthalene-d8	10.330	136	785603	20.000	ng	#	0.00
39) Acenaphthene-d10	14.207	164	412193	20.000	ng		0.00
64) Phenanthrene-d10	16.942	188	714532	20.000	ng	#	0.00
76) Chrysene-d12	21.118	240	604499	20.000	ng		0.00
86) Perylene-d12	23.253	264	671554	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.131	112	1139107	89.945	ng		0.00
7) Phenol-d6	6.748	99	1427874	82.446	ng		0.00
23) Nitrobenzene-d5	8.701	82	877013	62.089	ng		0.00
42) 2,4,6-Tribromophenol	15.695	330	359567	77.921	ng		0.00
45) 2-Fluorobiphenyl	12.819	172	1655695	59.723	ng		0.00
79) Terphenyl-d14	19.559	244	1681264	58.574	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.949	88	232013	43.049	ng		91
3) Pyridine	3.360	79	533622	36.590	ng		94
4) n-Nitrosodimethylamine	3.272	42	279151	47.728	ng	#	61
6) Aniline	6.872	93	637984	33.338	ng		92
8) 2-Chlorophenol	7.119	128	680490	49.299	ng		93
9) Benzaldehyde	6.672	77	365511	36.160	ng		85
10) Phenol	6.778	94	810018	48.575	ng		83
11) bis(2-Chloroethyl)ether	6.966	93	627852	47.343	ng		94
12) 1,3-Dichlorobenzene	7.437	146	754451	48.489	ng	#	91
13) 1,4-Dichlorobenzene	7.578	146	770384	48.652	ng		98
14) 1,2-Dichlorobenzene	7.895	146	733251	48.242	ng		97
15) Benzyl Alcohol	7.795	79	563849	47.536	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.078	45	813898	48.441	ng		98
17) 2-Methylphenol	8.019	107	540675	47.979	ng	#	89
18) Hexachloroethane	8.625	117	275050	51.020	ng		91
19) n-Nitroso-di-n-propyla...	8.354	70	436170	46.322	ng	#	85
20) 3+4-Methylphenols	8.342	107	693524	45.618	ng		96
22) Acetophenone	8.366	105	924962	48.854	ng	#	89
24) Nitrobenzene	8.742	77	686025	50.357	ng	#	88
25) Isophorone	9.266	82	1160286	49.435	ng	#	94
26) 2-Nitrophenol	9.454	139	344887	54.409	ng	#	75
27) 2,4-Dimethylphenol	9.536	122	578627	54.110	ng		94
28) bis(2-Chloroethoxy)met...	9.748	93	754770	44.724	ng		98
29) 2,4-Dichlorophenol	9.995	162	574826	48.262	ng		96
30) 1,2,4-Trichlorobenzene	10.201	180	636777	47.133	ng		98
31) Naphthalene	10.378	128	1905482	47.270	ng		99
32) Benzoic acid	9.719	122	376423	46.737	ng	#	82
33) 4-Chloroaniline	10.495	127	378876	22.770	ng	#	94
34) Hexachlorobutadiene	10.683	225	390741	48.402	ng		98
35) Caprolactam	11.272	113	158329	43.377	ng		92
36) 4-Chloro-3-methylphenol	11.648	107	570586	44.498	ng		99
37) 2-Methylnaphthalene	12.001	142	1268670m	46.309	ng		
38) 1-Methylnaphthalene	12.224	142	1183766	44.219	ng		98
40) 1,2,4,5-Tetrachloroben...	12.389	216	593279	49.967	ng		98
41) Hexachlorocyclopentadiene	12.377	237	687046	121.384	ng		97
43) 2,4,6-Trichlorophenol	12.630	196	404474	49.233	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.707	196	431075	48.814	ng		95
46) 1,1'-Biphenyl	13.030	154	1457392	47.913	ng		99
47) 2-Chloronaphthalene	13.071	162	1149022	49.259	ng		98
48) 2-Nitroaniline	13.277	65	326322	51.456	ng	#	79
49) Acenaphthylene	13.924	152	1781500	49.191	ng		99
50) Dimethylphthalate	13.666	163	1325733	45.545	ng		99
51) 2,6-Dinitrotoluene	13.777	165	292833	49.665	ng	#	65
52) Acenaphthene	14.271	154	1211562m	50.711	ng		
53) 3-Nitroaniline	14.107	138	216477	32.673	ng	#	85
54) 2,4-Dinitrophenol	14.313	184	254116	77.670	ng	#	68
55) Dibenzofuran	14.607	168	1613855	44.375	ng		94
56) 4-Nitrophenol	14.448	139	483613	88.514	ng	#	70
57) 2,4-Dinitrotoluene	14.571	165	387476	49.853	ng	#	58
58) Fluorene	15.254	166	1220495	44.126	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.842	232	320363	42.110	ng	#	88
60) Diethylphthalate	15.030	149	1255101	43.922	ng		96
61) 4-Chlorophenyl-phenyle...	15.248	204	587688	41.017	ng		96
62) 4-Nitroaniline	15.277	138	253834	38.388	ng	#	70
63) Azobenzene	15.542	77	1184778	43.555	ng		82
65) 4,6-Dinitro-2-methylph...	15.342	198	166139	41.310	ng	#	81
66) n-Nitrosodiphenylamine	15.465	169	1226993	58.158	ng		94
67) 4-Bromophenyl-phenylether	16.136	248	357197	48.031	ng		95
68) Hexachlorobenzene	16.271	284	384865	47.012	ng	#	86
69) Atrazine	16.412	200	370846	51.613	ng		95
70) Pentachlorophenol	16.612	266	469564	92.932	ng		98
71) Phenanthrene	16.983	178	1787811	47.671	ng		99
72) Anthracene	17.071	178	1812633	49.464	ng		99
73) Carbazole	17.342	167	1604317	44.086	ng		98
74) Di-n-butylphthalate	17.901	149	1968593	50.355	ng	#	97
75) Fluoranthene	18.995	202	1900181	45.691	ng		97
77) Benzidine	19.177	184	1134287	75.537	ng		98
78) Pyrene	19.359	202	1939747	47.321	ng		99
80) Butylbenzylphthalate	20.253	149	806839	51.822	ng		92
81) Benzo(a)anthracene	21.100	228	1777015	47.030	ng		99
82) 3,3'-Dichlorobenzidine	21.036	252	501824	42.161	ng		100
83) Chrysene	21.153	228	1750521	47.890	ng		100
84) Bis(2-ethylhexyl)phtha...	21.030	149	1109751	52.865	ng		94
85) Di-n-octyl phthalate	21.877	149	1974225	56.081	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.365	276	2249396	54.356	ng		96
88) Benzo(b)fluoranthene	22.618	252	1941455	47.525	ng		98
89) Benzo(k)fluoranthene	22.659	252	1845756	46.251	ng		99
90) Benzo(a)pyrene	23.159	252	1900939	57.382	ng		98
91) Dibenzo(a,h)anthracene	25.371	278	1912322	54.813	ng	#	96
92) Benzo(g,h,i)perylene	26.018	276	1978134	57.352	ng	#	95

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

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